Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		RHS									
		West To East									
0	17.7		Cum	1	17.70	0.20	0.20	0.20	0.10	0.35	
17.7	80.5	NO WORK	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	×
80.5	90		Cum	1	9.50	0.20	0.20	0.20	0.10	0.19	
90	105		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
105	120		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
120	135		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
135	150		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
150	162.8		Cum	1	12.80	0.20	0.20	0.20	0.10	0.26	
		3 rd cross connecting to swd drain									
		west to east									
		LHS									
0	15		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
15	30		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
30	45		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
45	60		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
60	75		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
75	94.5		Cum	1	19.50	0.20	0.20	0.20	0.13	0.49	
		RHS									
		East To West									
0	15		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
15	30		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
30	45		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
45	60		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
60	75		Cum	1	15.00	0.20	0.20	0.20	0.13	0.38	
75	85.5		Cum	1	10.50	0.20	0.20	0.20	0.10	0.21	
		1st main Road									
		south to north									
		LHS									
0	15		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
15	30		Cum	1	15.00	0.20	0.20	0.20	0.13	0.38	
30	45		Cum	1	15.00	0.20	0.20	0.20	0.13	0.38	
45	60		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
60	77		Cum	1	17.00	0.20	0.20	0.20	0.10	0.34	
77	93.4	Road break	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	×
93.4	146.1	old kerb	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	×
146.1	157.4	old culvert	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	×
157.4	165		Cum	1	7.60	0.20	0.20	0.20	0.10	0.15	
165	180		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
180	191.7		Cum	1	11.70	0.20	0.20	0.20	0.10	0.23	
191.7	204.4		Cum	1	12.70	0.20	0.20	0.20	0.10	0.25	

8.40

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC

Assistant Engineer

Assistant Exicutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		2nd main Road									
		east to west									
		RHS									
0	15		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	✓
15	30		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	✓
30	45		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	✓
45	54.8		Cum	1	9.80	0.20	0.20	0.20	0.10	0.20	✓
54.8	65.7	NO WORK	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	✗
65.7	84.5		Cum	1	18.80	0.20	0.20	0.20	0.10	0.38	✓
84.5	92.7	NO WORK	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	✗
92.7	105		Cum	1	12.30	0.20	0.20	0.20	0.10	0.25	✓
105	120		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	✓
120	135		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	✓
135	150		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	✓
150	165.2		Cum	1	15.20	0.20	0.20	0.20	0.10	0.30	✓
		LHS									
		West to East									
0	17.4	NO WORK									
17.4	30		Cum	1	12.60	0.20	0.20	0.20	0.10	0.25	✓
30	34.9		Cum	1	4.90	0.20	0.20	0.20	0.10	0.10	✓
34.9	51	NO WORK	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	✗
51	61		Cum	1	10.00	0.20	0.20	0.20	0.10	0.20	✓
61	93.4		Cum	1	32.40	0.20	0.20	0.20	0.10	0.65	✓
93.4	101.4	NO WORK	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	✗
101.4	120		Cum	1	18.60	0.20	0.20	0.20	0.10	0.37	✓
120	135		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	✓
135	149.7		Cum	1	14.70	0.20	0.20	0.20	0.10	0.29	✓
149.7	151.44		Cum	1	1.74	0.20	0.20	0.20	0.10	0.03	✓
151.44	168.74	NO WORK	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	✗
		3rd main Road To 1st Cross Road Connecting									
		From West to East									
		LHS									
0	15		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	✓
15	30		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	✓
30	45		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	✓
45	60		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	✓
60	75		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	✓
75	85.4		Cum	1	10.40	0.20	0.20	0.20	0.10	0.21	✓
85.4	88.5		Cum	1	3.10	0.20	0.20	0.20	0.10	0.06	✓
88.5	94		Cum	1	5.50	0.20	0.20	0.20	0.10	0.11	✓
94	99.5		Cum	1	5.50	0.20	0.20	0.20	0.10	0.11	✓
		RHS									
		From East to West									
0	5.6		Cum	1	5.60	0.20	0.20	0.20	0.10	0.11	✓
5.6	15		Cum	1	9.40	0.20	0.20	0.20	0.10	0.19	✓

7.41

Contactor

CIVIL Pro Sig..... Date..... PMC BANGALORE

Assistant Engineer

Assistant exicutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
15	30		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
30	45		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
45	60		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
60	75		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
75	78		Cum	1	3.00	0.20	0.20	0.20	0.10	0.06	
0	5.5		Cum	1	5.50	0.20	0.20	0.20	0.10	0.11	1.37
									Total Executed Quantity	37.74	
									Qty Carried to Summary	37.74	

CIVIL Pro Sig..... Date..... PMC BANGALORE

Assistant Engineer

Assistant excutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to roads and drains at MCECHS layout in ward no. 05, Byataranapura Sub Division

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.14		Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements Taken On;											
		4th Main Road									
		East to West									
0	15		Cum	1	15.00	10.70	9.50	10.10	0.45	68.18	
15	30		Cum	1	15.00	9.50	9.40	9.45	0.45	63.79	
30	40.5		Cum	1	10.50	9.40	9.60	9.50	0.45	44.89	
40.5	52.1		Cum	1	11.60	10.95	11.00	10.98	0.45	57.29	
52.1	60		Cum	1	7.90	9.50	9.40	9.45	0.45	33.59	
60	75		Cum	1	15.00	2.35	2.40	2.38	0.23	8.19	
75	88		Cum	1	13.00	2.35	2.15	2.25	0.23	6.73	
90	103		Cum	1	13.00	2.20	2.60	2.40	0.23	7.18	
105	118		Cum	1	13.00	2.35	2.15	2.25	0.23	6.73	
120	133		Cum	1	13.00	2.45	2.35	2.40	0.23	7.18	
137	150		Cum	1	13.00	2.25	2.30	2.28	0.40	11.83	
152	165		Cum	1	13.00	2.15	2.05	2.10	0.40	10.92	
		3rd Cross Road									
		South to North									
		LHS									
0	9		Cum	1	9.00	10.15	10.15	10.15	0.23	21.01	
13	17		Cum	1	4.00	2.20	1.95	2.08	0.23	1.91	
33	41		Cum	1	8.00	2.30	2.15	2.23	0.23	4.09	
48	55		Cum	1	7.00	2.30	1.95	2.13	0.23	3.42	
63	73		Cum	1	10.00	2.25	2.35	2.30	0.23	5.29	
75	83		Cum	1	8.00	2.55	2.20	2.38	0.23	4.37	
85	94		Cum	1	9.00	2.60	2.15	2.38	0.23	4.92	
96.9	102		Cum	1	5.10	1.75	1.25	1.50	0.23	1.76	
105	116		Cum	1	11.00	1.80	2.30	2.05	0.23	5.19	
123	130		Cum	1	7.00	2.05	2.25	2.15	0.23	3.46	
137	147		Cum	1	10.00	2.20	2.10	2.15	0.23	4.95	
		RHS									
10	17		Cum	1	7.00	2.20	1.95	2.08	0.23	3.34	
33	41		Cum	1	8.00	2.30	2.15	2.23	0.23	4.09	
48	55		Cum	1	7.00	2.30	1.95	2.13	0.23	3.42	
63	73		Cum	1	10.00	2.25	2.35	2.30	0.23	5.29	
		2nd Cross Road									
		North to South									
0	15		Cum	1	15.00	2.20	3.00	2.60	0.23	8.97	
15	30		Cum	1	15.00	2.35	2.45	2.40	0.23	8.28	
30	45		Cum	1	15.00	2.55	2.60	2.58	0.23	8.88	
45	48.1		Cum	1	3.10	2.50	2.40	2.45	0.23	1.75	
48.1	58.4		Cum	1	10.30	2.50	2.50	2.50	0.23	5.92	
58.4	75		Cum	1	16.60	2.45	2.35	2.40	0.23	9.16	

445.96

Contactor

CIVIL Pro Sig..... Date..... PMC

Assistant Engineer 8/12/21

Assistant exicutive Engineer 8/12/21

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
75	84.7		Cum	1	9.70	2.20	2.25	2.23	0.23	4.96	
		3rd Main Road									
		West to East									
		RHS									
0	11.1		Cum	1	11.10	2.50	2.60	2.55	0.23	6.51	
11.1	15		Cum	1	3.90	2.20	2.45	2.33	0.23	2.09	
18	28		Cum	1	10.00	2.35	2.15	2.25	0.23	5.18	
30	43		Cum	1	13.00	3.00	3.20	3.10	0.23	9.27	
47	58		Cum	1	11.00	2.80	2.20	2.50	0.23	6.33	
60	63.5		Cum	1	3.50	2.10	2.30	2.20	0.23	1.77	
66	70		Cum	1	4.00	2.10	2.10	2.10	0.23	1.93	
73	83		Cum	1	10.00	2.30	2.20	2.25	0.23	5.18	
		RHS									
14	25		Cum	1	11.00	2.20	2.25	2.23	0.23	5.63	
55	63		Cum	1	8.00	2.35	2.15	2.25	0.23	4.14	
		1st Main Road									
		North to South									
0	5.4		Cum	1	5.40	2.30	2.10	2.20	0.23	2.73	
9	15		Cum	1	6.00	2.10	2.25	2.18	0.23	3.00	
19	26		Cum	1	7.00	1.85	2.05	1.95	0.23	3.14	
33	39		Cum	1	6.00	2.10	2.20	2.15	0.23	2.97	
47	59		Cum	1	12.00	2.30	2.20	2.25	0.23	6.21	
65	75		Cum	1	10.00	2.50	2.05	2.28	0.23	5.23	
77	88		Cum	1	11.00	1.55	1.75	1.65	0.23	4.17	
92	101		Cum	1	9.00	1.95	2.20	2.08	0.23	4.30	
106	112.1		Cum	1	6.10	2.30	1.55	1.93	0.23	2.70	
118	125.5		Cum	1	7.50	1.35	1.65	1.50	0.23	2.59	
127	134		Cum	1	7.00	1.85	1.55	1.70	0.23	2.74	
143	157		Cum	1	14.00	1.45	1.65	1.55	0.23	4.99	
163	171		Cum	1	8.00	1.45	1.75	1.60	0.23	2.94	
176	191		Cum	1	15.00	2.20	2.10	2.15	0.23	7.42	
195	202		Cum	1	7.00	2.10	2.20	2.15	0.23	3.46	
		2nd Main Road									
		North to South									
		LHS									
3	14		Cum	1	11.00	2.30	2.45	2.38	0.23	6.01	
16	29		Cum	1	13.00	2.35	2.50	2.43	0.23	7.25	
32	42		Cum	1	10.00	2.20	2.05	2.13	0.23	4.89	
48	61		Cum	1	13.00	2.35	2.25	2.30	0.23	6.88	
63	74		Cum	1	11.00	2.10	2.00	2.05	0.23	5.19	
76	88		Cum	1	12.00	2.30	2.10	2.20	0.23	6.07	
92	104		Cum	1	12.00	2.10	2.25	2.18	0.23	6.00	
107	119.5		Cum	1	12.50	2.30	2.05	2.18	0.23	6.25	
122	133.2		Cum	1	11.20	2.10	2.40	2.25	0.23	5.80	
135	147		Cum	1	12.00	2.30	1.95	2.13	0.23	5.87	
150	165		Cum	1	15.00	2.50	2.05	2.28	0.23	7.85	
		RHS									
3	12		Cum	1	9.00	2.55	2.20	2.38	0.23	4.92	
18	28		Cum	1	10.00	2.35	2.50	2.43	0.23	5.58	
33	42		Cum	1	9.00	2.20	2.45	2.33	0.23	4.81	
48	61		Cum	1	13.00	2.35	2.25	2.30	0.23	6.88	
63	74		Cum	1	11.00	2.10	2.35	2.23	0.23	5.63	

207.43

Contactor

CIVIL Pro Sig..... Date..... PMC BANGALORE

Assistant Engineer

Assistant exicutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
76	88		Cum	1	12.00	2.30	2.10	2.20	0.23	6.07	
92	104		Cum	1	12.00	2.30	2.45	2.38	0.23	6.56	
107	118		Cum	1	11.00	2.30	2.05	2.18	0.23	5.50	
122	132		Cum	1	10.00	2.10	2.40	2.25	0.23	5.18	
135	147		Cum	1	12.00	2.30	2.20	2.25	0.23	6.21	
150	162		Cum	1	12.00	2.10	1.95	2.03	0.23	5.59	
		1st Cross Road									
		North to South									
3	12		Cum	1	9.00	1.80	1.45	1.63	0.23	3.36	
15	26		Cum	1	11.00	1.85	1.55	1.70	0.23	4.30	
32	42		Cum	1	10.00	1.80	1.95	1.88	0.23	4.31	
45	57		Cum	1	12.00	1.55	1.65	1.60	0.23	4.42	
60	72		Cum	1	12.00	1.20	1.80	1.50	0.23	4.14	
75	88		Cum	1	13.00	2.10	1.55	1.83	0.23	5.46	
90	108		Cum	1	18.00	1.75	1.85	1.80	0.23	7.45	
		Road Widening									
		3rd Cross Road									
		South to North									
		LHS									
0	15		Cum	1	15.00	1.00	3.45	2.23	0.40	13.35	
15	30		Cum	1	15.00	3.45	3.45	3.45	0.40	20.70	
30	45		Cum	1	15.00	3.45	3.45	3.45	0.40	20.70	
45	60		Cum	1	15.00	3.45	3.45	3.45	0.40	20.70	
60	75		Cum	1	15.00	3.45	3.45	3.45	0.40	20.70	
75	90		Cum	1	15.00	3.45	3.45	3.45	0.40	20.70	
		3rd main To 1st Cross Connectig Road									
		East to West									
0	15		Sqm	1	15.00	9.65	9.70	9.68	0.40	58.05	
15	30		Sqm	1	15.00	9.70	9.70	9.70	0.40	58.20	
30	45		Sqm	1	15.00	9.70	9.65	9.68	0.40	58.05	
45	60		Sqm	1	15.00	9.65	9.70	9.68	0.40	58.05	
60	75		Sqm	1	15.00	9.70	9.50	9.60	0.40	57.60	
75	79.8		Sqm	1	4.80	9.50	9.70	9.60	0.40	18.43	493.78
									Total Executed Quantity	1147.17	
									Qty Carried to Summary	1147.17	

12/12/21

12/12/2021

Contactor

CIVIL Pro Sig..... Date..... PMC BANGALORE

12/12/21

Assistant Engineer

12/12/21

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to roads and drains at MCECHS layout in ward no. 05, Byataranapura Sub Division

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.15		Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements Taken On;											
		3rd A main road									
		RHS									
0	15		Cum	1	15.00	1.55	1.73	1.64	0.30	7.38	
15	30		Cum	1	15.00	1.73	1.62	1.68	0.30	7.54	
30	45		Cum	1	15.00	1.62	1.62	1.62	0.30	7.29	
45	60		Cum	1	15.00	1.62	1.63	1.63	0.30	7.31	
60	75		Cum	1	15.00	1.63	1.63	1.63	0.30	7.34	
75	90		Cum	1	15.00	1.63	1.63	1.63	0.30	7.34	
90	105		Cum	1	15.00	1.63	1.63	1.63	0.30	7.34	
105	115.7		Cum	1	10.70	1.63	1.63	1.63	0.30	5.23	
115.7	117		Cum	1	1.30	1.63	1.63	1.63	0.30	0.64	
117	119.5		Cum	1	2.50	1.63	1.69	1.66	0.30	1.25	
		LHS									
0	15		Cum	1	15.00	0.73	0.85	0.79	0.30	3.56	
15	30		Cum	1	15.00	0.85	0.83	0.84	0.30	3.78	
30	45		Cum	1	15.00	0.83	0.83	0.83	0.30	3.74	
45	60		Cum	1	15.00	0.83	0.83	0.83	0.30	3.74	
60	75		Cum	1	15.00	0.83	0.83	0.83	0.30	3.74	
75	90		Cum	1	15.00	0.83	0.83	0.83	0.30	3.74	
90	105		Cum	1	15.00	0.83	0.83	0.83	0.30	3.74	
105	119.2		Cum	1	14.20	0.83	0.83	0.83	0.30	3.54	
119.2	121.2	NO EMBAKMENT									
		2 nd cross road									
		south to north									
		RHS									
0	2.5		Cum	1	2.50	1.20	1.60	1.40	0.30	1.05	
2.5	15		Cum	1	12.50	1.60	1.50	1.55	0.30	5.81	
15	20		Cum	1	5.00	1.50	1.40	1.45	0.30	2.18	
20	25.7	NO WORK	0	0	0.00	0.00	0.00	0.00	0.30	0.00	
25.7	28.7	NO EMBAKMENT	0	0	0.00	0.00	0.00	0.00	0.30	0.00	
28.7	30.3	NO WORK	0	0	0.00	0.00	0.00	0.00	0.30	0.00	
30.3	40.1	NO EMBAKMENT	0	0	0.00	0.00	0.00	0.00	0.30	0.00	
40.1	40.8	NO KERB	0	0	0.00	0.00	0.00	0.00	0.30	0.00	
40.8	45		Cum	1	4.20	1.54	1.54	1.54	0.30	1.94	
45	60		Cum	1	15.00	1.54	1.42	1.48	0.30	6.66	
60	70.8		Cum	1	10.80	1.42	1.40	1.41	0.30	4.57	

110.40

14/12/21

CHECKED 14/12/2021

Contactor

CIVIL Pro Sig..... Date..... BANGALORE

Assistant Engineer

Assistant executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
70.8	71.9	NO KERB	0	0	0.00	0.00	0.00	0.00	0.30	0.00	X
71.9	86.5		Cum	1	14.60	1.63	1.63	1.63	0.30	7.14	✓
		LHS									
0	15		Cum	1	15.00	1.26	1.30	1.28	0.30	5.76	✓
15	30		Cum	1	15.00	1.30	1.35	1.33	0.30	5.96	✓
30	45		Cum	1	15.00	1.35	1.31	1.33	0.30	5.99	✓
45	48.9		Cum	1	3.90	1.31	1.00	1.16	0.30	1.35	✓
48.9	58.4	ROAD BREAK	0	0	0.00	0.00	0.00	0.00	0.30	0.00	X
58.4	73.4		Cum	1	15.00	1.70	1.75	1.73	0.30	7.76	✓
73.4	96.4		Cum	1	23.00	1.75	1.70	1.73	0.30	11.90	✓
		3 rd main road									
		west to east									
		LHS									
0	13.6		Cum	1	13.60	1.53	1.50	1.52	0.30	6.18	✓
13.6	14.7	NO WORK	Cum	1	1.10	0.00	0.00	0.00	0.30	0.00	X
14.7	30		Cum	1	15.30	1.50	1.50	1.50	0.30	6.89	✓
30	39.7		Cum	1	9.70	1.50	1.50	1.50	0.30	4.37	✓
39.7	40.5	NO WORK	Cum	1	0.80	0.00	0.00	0.00	0.30	0.00	X
40.5	49.5		Cum	1	9.00	1.50	1.48	1.49	0.30	4.02	✓
49.5	52		Cum	1	2.50	1.48	1.20	1.34	0.30	1.01	✓
52	71	CULVERT	0	0	0.00	0.00	0.00	0.00	0.30	0.00	X
71	91.3		Cum	1	20.30	1.35	1.45	1.40	0.30	8.53	✓
91.3	98		Cum	1	6.70	1.45	1.70	1.58	0.30	3.17	✓
98	107.7		Cum	1	9.70	1.70	1.70	1.70	0.30	4.95	✓
107.7	122.7		Cum	1	15.00	1.70	1.65	1.68	0.30	7.54	✓
122.7	137.7		Cum	1	15.00	1.65	1.60	1.63	0.30	7.31	✓
137.7	152.7		Cum	1	15.00	1.60	1.55	1.58	0.30	7.09	✓
152.7	167.7		Cum	1	15.00	1.55	0.65	1.10	0.30	4.95	✓
		RHS									
0	15.7		Cum	1	15.70	1.70	1.85	1.78	0.30	8.36	✓
15	18.5		Cum	1	3.50	1.85	0.90	1.38	0.30	1.44	✓
18.5	30.8	Culvert	0	0	0.00	0.00	0.00	0.00	0.30	0.00	X
30	45		Cum	1	15.00	1.55	1.45	1.50	0.30	6.75	✓
45	60		Cum	1	15.00	1.45	1.40	1.43	0.30	6.41	✓
60	75		Cum	1	15.00	1.40	1.35	1.38	0.30	6.19	✓
75	90		Cum	1	15.00	1.35	1.30	1.33	0.30	5.96	✓
90	105		Cum	1	15.00	1.30	1.25	1.28	0.30	5.74	✓
105	120		Cum	1	15.00	1.25	0.70	0.98	0.30	4.39	✓
120	131.5		Cum	1	11.50	0.70	0.20	0.45	0.30	1.55	✓
		3rd cross road									
		south to north									
		RHS									
0	1.5		Cum	1	1.50	0.40	1.46	0.93	0.30	0.42	✓
1.5	15		Cum	1	13.50	1.46	1.50	1.48	0.30	5.99	✓
15	30		Cum	1	15.00	1.50	1.45	1.48	0.30	6.64	✓
30	45.5		Cum	1	15.50	1.45	1.48	1.47	0.30	6.81	✓

178.50

Contactor

CIVIL Pro Sig..... Date..... BANGALORE

Assistant Engineer

Assistant excutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		3rd cross road									
		North to South									
0	15		Cum	1	15.00	1.30	1.30	1.30	0.30	5.85	
15	30		Cum	1	15.00	1.30	1.33	1.32	0.30	5.92	
30	45		Cum	1	15.00	1.33	1.40	1.37	0.30	6.14	
45	52.5		Cum	1	7.50	1.40	1.42	1.41	0.30	3.17	
52.5	59.8	No Work	Cum	0	0.00	0.00	0.00	0.00	0.30	0.00	x
59.8	60		Cum	1	0.20	1.20	1.20	0.60	0.30	0.04	
60	69.7		Cum	1	9.70	1.20	1.18	1.19	0.30	3.46	
69.7	71		Cum	1	1.30	1.18	1.05	1.12	0.30	0.43	
71	72.8		Cum	1	1.80	1.05	0.79	0.92	0.30	0.50	
72.8	80		Cum	1	7.20	0.45	0.86	0.66	0.30	1.41	
80	85.6		Cum	1	5.60	0.86	1.24	1.05	0.30	1.76	
85.6	87.4		Cum	1	1.80	1.24	1.50	1.37	0.30	0.74	
		south to north									
		LHS									
0	3.7		Cum	1	3.70	0.80	1.53	1.17	0.30	1.29	
3.7	15		Cum	1	11.30	1.52	1.50	1.51	0.30	5.12	
15	22.7		Cum	1	7.70	1.50	1.55	1.53	0.30	3.52	
22.7	23.6	NO WORK	Cum	1	0.90	0.00	0.00	0.00	0.30	0.00	x
23.6	30		Cum	1	6.40	1.55	1.55	1.55	0.30	2.98	
30	32		Cum	1	2.00	1.55	1.54	1.55	0.30	0.93	
32	45		Cum	1	13.00	1.54	1.52	1.53	0.30	5.97	
45	60		Cum	1	15.00	1.52	1.32	1.42	0.30	6.39	
60	75		Cum	1	15.00	1.32	1.47	1.40	0.30	6.28	
75	84.4		Cum	1	9.40	1.47	1.37	1.42	0.30	4.00	
84.4	98.5	ROAD	Cum	1	14.10	0.00	0.00	0.00	0.30	0.00	x
98.5	99.3		Cum	1	0.80	0.80	1.20	1.00	0.30	0.24	
99.3	105		Cum	1	5.70	1.20	1.28	1.24	0.30	2.12	
105	120		Cum	1	15.00	1.28	1.25	1.27	0.30	5.69	
120	135		Cum	1	15.00	1.25	1.25	1.25	0.30	5.63	
135	152		Cum	1	17.00	1.25	1.22	1.24	0.30	6.30	
		4 th main road									
		east to west									
		LHS									
0	15		Cum	1	15.00	1.25	1.50	1.38	0.30	6.19	
15	30		Cum	1	15.00	1.50	1.35	1.43	0.30	6.41	
30	41.6		Cum	1	11.60	1.35	1.35	1.35	0.30	4.70	
41.6	52.8	NO WORK	Cum	1	0.00	0.00	0.00	0.00	0.30	0.00	x
52.8	60		Cum	1	7.20	1.45	1.55	1.50	0.30	3.24	
60	69.5		Cum	1	9.50	1.55	1.50	1.53	0.30	4.35	
69.5	86.5		Cum	1	17.00	1.50	1.35	1.43	0.30	7.27	
86.5	94	NO WORK	Cum	1	0.00	0.00	0.00	0.00	0.30	0.00	x
94	151.4	NO WORK	Cum	1	0.00	0.00	0.00	0.00	0.30	0.00	x
151.4	166.6		Cum	1	15.20	1.60	1.55	1.58	0.30	7.18	

125.22

C/o EC 18/12/2021

18/12/21

Contactor

CIVIL Pro Sig..... Date..... PMC BANGALORE

Assistant Engineer

Assistant executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		RHS									
0	17.6		Cum	1	17.60	1.15	1.30	1.23	0.30	6.47	✓
17.6	80.5	NO WORK	0	0	0.00	0.00	0.00	0.00	0.30	0.00	✗
80.5	90		Cum	1	9.50	1.30	1.45	1.38	0.30	3.92	✓
90	105		Cum	1	15.00	1.45	1.55	1.50	0.30	6.75	✓
105	120		Cum	1	15.00	1.55	1.45	1.50	0.30	6.75	✓
120	135		Cum	1	15.00	1.45	1.30	1.38	0.30	6.19	✓
135	150		Cum	1	15.00	1.30	1.30	1.30	0.30	5.85	✓
150	162.8		Cum	1	12.80	1.30	0.90	1.10	0.30	4.22	✓
		3 rd cross connecting to swd drain									
		west to east									
		LHS									
0	15		Cum	1	15.00	0.95	1.25	1.10	0.30	4.95	✓
15	30		Cum	1	15.00	1.25	1.30	1.28	0.30	5.74	✓
30	45		Cum	1	15.00	1.30	1.35	1.33	0.30	5.96	✓
45	60		Cum	1	15.00	1.35	1.45	1.40	0.30	6.30	✓
60	75		Cum	1	15.00	1.45	1.65	1.55	0.30	6.98	✓
75	90		Cum	1	15.00	1.65	1.65	1.65	0.30	7.43	✓
90	94.5		Cum	1	4.50	1.65	1.90	1.78	0.30	2.40	✓
		RHS									
0	15		Cum	1	15.00	1.30	1.50	1.40	0.30	6.30	✓
15	30		Cum	1	15.00	1.50	1.55	1.53	0.30	6.86	✓
30	45		Cum	1	15.00	1.55	1.55	1.55	0.30	6.98	✓
45	60		Cum	1	15.00	1.55	1.55	1.55	0.30	6.98	✓
60	75		Cum	1	15.00	1.55	1.55	1.55	0.30	6.98	✓
75	85.5		Cum	1	10.50	1.55	1.65	1.60	0.30	5.04	✓
		1st main road									
		north to south									
		RHS									
0	15		Cum	1	15.00	0.85	0.85	0.85	0.30	3.83	✓
15	30		Cum	1	15.00	0.85	0.85	0.85	0.30	3.83	✓
30	45		Cum	1	15.00	0.85	0.90	0.88	0.30	3.94	✓
45	60		Cum	1	15.00	0.90	0.90	0.90	0.30	4.05	✓
60	77		Cum	1	17.00	0.90	1.00	0.95	0.30	4.85	✓
77	93.4	Road Break	0	0	0.00	0.00	0.00	0.00	0.30	0.00	✗
93.4	146.1	Old Kerb	0	0	0.00	0.00	0.00	0.00	0.30	0.00	✗
146.1	157.4	Old Culvert	0	0	0.00	0.00	0.00	0.00	0.30	0.00	✗
157.4	165		Cum	1	7.60	1.00	0.85	0.93	0.30	2.11	✓
165	180		Cum	1	15.00	0.85	0.85	0.85	0.30	3.83	✓
180	191.7		Cum	1	11.70	0.85	0.90	0.88	0.30	3.07	✓
191.7	204.4		Cum	1	12.70	0.90	0.85	0.88	0.30	3.33	✓

151.84

20/12/21

C&FC

20/12/2021

Contactor

CIVIL Pro Sig..... Date..... PMC BANGALORE

20/12/21

Assistant Engineer

20/12/2021

Assistant exicutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		2 nd main road									
		east to west									
		RHS									
0	15		Cum	1	15.00	2.05	2.00	2.03	0.30	9.11	
15	30		Cum	1	15.00	2.00	1.95	1.98	0.30	8.89	
30	45		Cum	1	15.00	1.95	1.85	1.90	0.30	8.55	
45	54.8		Cum	1	9.80	1.85	1.80	1.83	0.30	5.37	
54.8	65.7	No Work	0	0	0.00	0.00	0.00	0.00	0.30	0.00	×
65.7	84.5		Cum	1	18.80	1.70	1.60	1.65	0.30	9.31	
84.5	92.7	No Work	0	0	0.00	0.00	0.00	0.00	0.30	0.00	×
92.7	105		Cum	1	12.30	1.60	1.60	1.60	0.30	5.90	
105	120		Cum	1	15.00	1.60	1.65	1.63	0.30	7.31	
120	135		Cum	1	15.00	1.65	1.75	1.70	0.30	7.65	
135	150		Cum	1	15.00	1.75	1.85	1.80	0.30	8.10	
150	165.2		Cum	1	15.20	1.85	2.00	1.93	0.30	8.78	
		LHS									
0	17.4	NO WORK									
17.4	30		Cum	1	12.60	1.70	1.70	1.70	0.30	6.43	
30	34.9		Cum	1	4.90	1.70	1.70	1.70	0.30	2.50	
34.9	51	NO WORK	0	0	0.00	0.00	0.00	0.00	0.30	0.00	×
51	61		Cum	1	10.00	1.55	1.65	1.60	0.30	4.80	
61	75		Cum	1	14.00	1.65	1.65	1.65	0.30	6.93	
75	93.4		Cum	1	18.40	1.65	1.35	1.50	0.30	8.28	
93.4	101.4	NO WORK	0	0	0.00	0.00	0.00	0.00	0.30	0.00	×
101.4	120		Cum	1	18.60	1.60	1.50	1.55	0.30	8.65	
120	135		Cum	1	15.00	1.50	1.60	1.55	0.30	6.98	
135	149.7		Cum	1	14.70	1.60	1.75	1.68	0.30	7.39	
149.7	168.7	NO WORK	Cum	0	0.00	0.00	0.00	0.00	0.30	0.00	×
		3rd main Road To 1st Cross Road Connecting									
		East to West									
		RHS									
0	5.6		Cum	1	5.60	0.60	1.10	0.85	0.40	1.90	
5.6	15		Cum	1	9.40	1.10	1.45	1.28	0.40	4.79	
15	30		Cum	1	15.00	1.45	1.50	1.48	0.40	8.85	
30	45		Cum	1	15.00	1.50	1.55	1.53	0.40	9.15	
45	60		Cum	1	15.00	1.55	1.55	1.55	0.40	9.30	
60	75		Cum	1	15.00	1.55	1.52	1.54	0.40	9.21	

174.12

22/12/21

Contactor

CIVIL Pro Sig..... Date..... PMC BANGALORE

Assistant Engineer

Assistant exicutive Engineer

BBMP (Ward No 05)

First and Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
75	82		Cum	1	7.00	1.52	1.52	1.52	0.40	4.26	
		LHS									
		West to East									
0	15		Cum	1	15.00	1.54	1.52	1.53	0.30	6.89	
15	30		Cum	1	15.00	1.52	1.52	1.52	0.30	6.84	
30	45		Cum	1	15.00	1.52	1.52	1.52	0.30	6.84	
45	60		Cum	1	15.00	1.52	1.52	1.52	0.30	6.84	
60	75		Cum	1	15.00	1.52	1.52	1.52	0.30	6.84	
75	85.4		Cum	1	10.40	1.52	1.52	1.52	0.30	4.74	
0	4.4		Cum	1	4.40	1.60	1.60	1.60	0.30	2.11	
0	2.5		Cum	1	2.50	1.20	1.20	1.20	0.30	0.90	
		Asphalt Road									
		3 rd cross connecting to swd drain									
		west to east									
0	6.9		Cum	1	6.90	9.05	8.70	8.88	1.00	61.24	
6.9	8.4		Cum	1	1.50	9.70	10.15	9.93	1.00	14.89	
8.4	15		Cum	1	6.60	10.15	10.05	10.10	1.00	66.66	
15	30		Cum	1	15.00	10.05	9.95	10.00	1.00	150.00	
30	45		Cum	1	15.00	9.95	9.75	9.85	1.00	147.75	
45	60		Cum	1	15.00	9.75	9.60	9.68	1.00	145.13	
60	75		Cum	1	15.00	9.60	9.35	9.48	1.00	142.13	
75	90		Cum	1	15.00	9.35	9.25	9.30	1.00	139.50	
90	94.3		Cum	1	4.30	9.25	9.60	9.45	1.00	40.53	
		3rd Main Road									
		West to East									
0	13.6		Cum	1	13.60	10.85	10.85	10.85	0.40	59.02	
13.6	20.9		Cum	1	7.30	9.30	12.30	10.80	0.40	31.54	
20.9	35.9		Cum	1	15.00	12.30	11.65	11.98	0.60	107.78	
35.9	50.9		Cum	1	15.00	10.00	10.00	10.00	0.60	90.00	
50.9	65.9		Cum	1	15.00	10.00	10.00	10.00	0.60	90.00	
65.9	80.9		Cum	1	15.00	10.00	10.10	10.05	0.60	90.45	
80.9	95.9		Cum	1	15.00	10.10	10.25	10.18	0.60	91.58	
95.9	113.6		Cum	1	17.70	10.25	10.35	10.30	0.60	109.39	1623.81
									Total Executed Quantity	2363.90	
									Qty Carried to Summary	2363.90	

CBFC 24/12/2021

24/12/21

Contactor

CIVIL Pro Sig..... Date..... PMC BANGALORE

24/12/21

ಸಹಾಯಕ ಅಭಿಯಂತರರು
Assistant Engineer
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

24/12/2021

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to roads and drains at MCECHS layout in ward no. 05, Byataranapura Sub Division

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.16		Scarifying by mechanical means stone metal crust 50mm to 100mm thick with pick axes along with premix carpet / surface dressing and stacking of old serviceable materials including cost of all labour charges complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements Taken On;											
		3 rd cross connecting to swd drain									
		East to West									
0	7.8		Sqm	1	7.80	15.10	14.10	14.60		113.88	✓
7.8	9.1	No Work	Sqm	0	0.00	0.00	0.00	0.00		0.00	✗
9.1	15		Sqm	1	5.90	9.90	9.20	9.55		56.35	✓
15	30		Sqm	1	15.00	9.20	9.40	9.30		139.50	✓
30	45		Sqm	1	15.00	9.40	9.60	9.50		142.50	✓
45	60		Sqm	1	15.00	9.60	9.70	9.65		144.75	✓
60	75		Sqm	1	15.00	9.70	10.00	9.85		147.75	✓
75	90		Sqm	1	15.00	10.00	10.10	10.05		150.75	✓
90	95.1		Sqm	1	5.10	10.10	10.15	10.13		51.64	✓
95.1	97		Sqm	1	1.90	10.15	9.30	9.73		18.48	✓
97	104.4		Sqm	1	7.40	8.70	9.15	8.93		66.05	✓
		3rd A Main Road									
		West to East									
0	4.7		Sqm	0	0.00	0.00	0.00	0.00		0.00	✗
4.7	6.2	No Work	Sqm	0	0.00	0.00	0.00	0.00		0.00	✗
6.2	15		Sqm	1	8.80	10.00	9.85	9.93		87.34	✓
15	30		Sqm	1	15.00	9.85	9.70	9.78		146.63	✓
30	45		Sqm	1	15.00	9.70	9.55	9.63		144.38	✓
45	60		Sqm	1	15.00	9.55	9.45	9.50		142.50	✓
60	75		Sqm	1	15.00	9.45	9.35	9.40		141.00	✓
75	90		Sqm	1	15.00	9.35	9.20	9.28		139.13	✓
90	105		Sqm	1	15.00	9.20	9.10	9.15		137.25	✓
105	120		Sqm	1	15.00	9.10	9.00	9.05		135.75	✓
120	125.1		Sqm	1	5.10	9.00	9.00	9.00		45.90	✓
		3rd Main Road									
		West to East									
0	13.6		Sqm	1	13.60	10.85	10.85	10.85		147.56	✓
13.6	20.9		Sqm	1	7.30	9.30	12.30	10.80		78.84	✓
20.9	35.9		Sqm	1	15.00	12.30	11.65	11.98		179.63	✓
35.9	50.9		Sqm	1	15.00	10.00	10.00	10.00		150.00	✓
50.9	65.9		Sqm	1	15.00	10.00	10.00	10.00		150.00	✓
65.9	80.9		Sqm	1	15.00	10.00	10.10	10.05		150.75	✓
80.9	95.9		Sqm	1	15.00	10.10	10.25	10.18		152.63	✓
95.9	113.6		Sqm	1	17.70	10.25	10.35	10.30		182.31	✓
0	8.6		Sqm	1	8.60	13.20	13.20	13.20		113.52	✓
0	6.7		Sqm	1	6.70	4.80	4.80	4.80		32.16	✓
									Total Executed Quantity	**3488.89**	✓
									Qty Carried to Summary	**3488.89**	✓

Contactor

CIVIL Pro Sig..... Date.....

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to roads and drains at MCECHS layout in ward no. 05, Byataranapura Sub Division

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.17		Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements Taken On;											
		3 rd cross connecting to swd drain									
		East to West									
0	7.8		Sqm	1	7.80	15.10	14.10	14.60		113.88	
7.8	9.1	No Work	Sqm	0	0.00	0.00	0.00	0.00		0.00	
9.1	15		Sqm	1	5.90	9.90	9.20	9.55		56.35	
15	30		Sqm	1	15.00	9.20	9.40	9.30		139.50	
30	45		Sqm	1	15.00	9.40	9.60	9.50		142.50	
45	60		Sqm	1	15.00	9.60	9.70	9.65		144.75	
60	75		Sqm	1	15.00	9.70	10.00	9.85		147.75	
75	90		Sqm	1	15.00	10.00	10.10	10.05		150.75	
90	95.1		Sqm	1	5.10	10.10	10.15	10.13		51.64	
95.1	97		Sqm	1	1.90	10.15	9.30	9.73		18.48	
97	104.4		Sqm	1	7.40	8.70	9.15	8.93		66.05	
		3rd A Main Road									
		West to East									
0	4.7		Sqm	0	0.00	0.00	0.00	0.00		0.00	
4.7	6.2	No Work	Sqm	0	0.00	0.00	0.00	0.00		0.00	
6.2	15		Sqm	1	8.80	10.00	9.85	9.93		87.34	
15	30		Sqm	1	15.00	9.85	9.70	9.78		146.63	
30	45		Sqm	1	15.00	9.70	9.55	9.63		144.38	
45	60		Sqm	1	15.00	9.55	9.45	9.50		142.50	
60	75		Sqm	1	15.00	9.45	9.35	9.40		141.00	
75	90		Sqm	1	15.00	9.35	9.20	9.28		139.13	
90	105		Sqm	1	15.00	9.20	9.10	9.15		137.25	
105	120		Sqm	1	15.00	9.10	9.00	9.05		135.75	
120	125.1		Sqm	1	5.10	9.00	9.00	9.00		45.90	
		3rd Main Road									
		West to East									
0	13.6		Sqm	1	13.60	10.85	10.85	10.85		147.56	
13.6	20.9		Sqm	1	7.30	9.30	12.30	10.80		78.84	
20.9	35.9		Sqm	1	15.00	12.30	11.65	11.98		179.63	
35.9	50.9		Sqm	1	15.00	10.00	10.00	10.00		150.00	
50.9	65.9		Sqm	1	15.00	10.00	10.00	10.00		150.00	
65.9	80.9		Sqm	1	15.00	10.00	10.10	10.05		150.75	
80.9	95.9		Sqm	1	15.00	10.10	10.25	10.18		152.63	
95.9	113.6		Sqm	1	17.70	10.25	10.35	10.30		182.31	
0	8.6		Sqm	1	8.60	13.20	13.20	13.20		113.52	
0	6.7		Sqm	1	6.70	4.80	4.80	4.80		32.16	

3488.89

Contactor

CIVIL Pro Sig..... Date..... RMC BANGALORE

Assistant Engineer

Assistant exicutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		3rd main To 1st Cross Connectig Road									
		East to West									
			Sqm	1	15.00	9.65	9.70	9.68		145.13	
0	15		Sqm	1	15.00	9.70	9.70	9.70		145.50	
15	30		Sqm	1	15.00	9.70	9.65	9.68		145.13	
30	45		Sqm	1	15.00	9.65	9.70	9.68		145.13	
45	60		Sqm	1	15.00	9.70	9.50	9.60		144.00	
60	75		Sqm	1	4.80	9.50	9.70	9.60		46.08	
75	79.8										
		4th Main Road									
		East to West									
			Sqm	1	15.00	10.70	9.50	10.10		151.50	
0	15		Sqm	1	15.00	9.50	9.40	9.45		141.75	
15	30		Sqm	1	10.50	9.40	9.60	9.50		99.75	
30	40.5		Sqm	1	11.60	10.95	11.00	10.98		127.31	
40.5	52.1		Sqm	1	7.90	9.50	9.40	9.45		74.66	
52.1	60										
		Road Widening									
		3rd Cross Road									
		South to North									
		LHS									
			Sqm	1	15.00	1.00	3.45	2.23		33.38	24/12/21
0	15		Sqm	1	15.00	3.45	3.45	3.45		51.75	
15	30		Sqm	1	15.00	3.45	3.45	3.45		51.75	
30	45		Sqm	1	15.00	3.45	3.45	3.45		51.75	
45	60		Sqm	1	15.00	3.45	3.45	3.45		51.75	
60	75		Sqm	1	15.00	3.45	3.45	3.45		51.75	1658.05
75	90										
									Total Executed Quantity	5146.94	
									Qty Carried to Summary	5146.94	

Contractor

CIVIL Pro Sig..... Date..... BANGALORE

Assistant Engineer

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to roads and drains at MCECHS layout in ward no. 05, Byataranapura Sub Division

PRE MEASUREMENT SHEET

First And Final Bill

Item No.18 — Description of Item: Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work

Measurements Taken On;

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		3 rd cross connecting to swd drain									
		East to West									
0	7.8		Cum	1	7.80	15.10	14.10	14.60	0.15	17.08	
7.8	9.1	No Work	0	0	0.00	0.00	0.00	0.00	0.15	0.00	
9.1	15		Cum	1	5.90	9.90	9.20	9.55	0.15	8.45	
15	30		Cum	1	15.00	9.20	9.40	9.30	0.15	20.93	
30	45		Cum	1	15.00	9.40	9.60	9.50	0.15	21.38	
45	60		Cum	1	15.00	9.60	9.70	9.65	0.15	21.71	
60	75		Cum	1	15.00	9.70	10.00	9.85	0.15	22.16	
75	90		Cum	1	15.00	10.00	10.10	10.05	0.15	22.61	
90	95.1		Cum	1	5.10	10.10	10.15	10.13	0.15	7.75	
95.1	97		Cum	1	1.90	10.15	9.30	9.73	0.15	2.77	
97	104.4		Cum	1	7.40	8.70	9.15	8.93	0.15	9.91	
		3rd A Main Road									
		West to East									
0	4.7		Cum	0	0.00	0.00	0.00	0.00	0.00	0.00	
4.7	6.2	No Work	Cum	0	0.00	0.00	0.00	0.00	0.15	0.00	
6.2	15		Cum	1	8.80	10.00	9.85	9.93	0.15	13.10	
15	30		Cum	1	15.00	9.85	9.70	9.78	0.15	21.99	
30	45		Cum	1	15.00	9.70	9.55	9.63	0.15	21.66	
45	60		Cum	1	15.00	9.55	9.45	9.50	0.15	21.38	
60	75		Cum	1	15.00	9.45	9.35	9.40	0.15	21.15	
75	90		Cum	1	15.00	9.35	9.20	9.28	0.15	20.87	
90	105		Cum	1	15.00	9.20	9.10	9.15	0.15	20.59	
105	120		Cum	1	15.00	9.10	9.00	9.05	0.15	20.36	
120	125.1		Cum	1	5.10	9.00	9.00	9.00	0.15	6.88	
		3rd Main Road									
		West to East									
0	13.6		Cum	1	13.60	10.85	10.85	10.85	0.15	22.13	
13.6	20.9		Cum	1	7.30	9.30	12.30	10.80	0.15	11.83	
20.9	35.9		Cum	1	15.00	12.30	11.65	11.98	0.15	26.94	
35.9	50.9		Cum	1	15.00	10.00	10.00	10.00	0.15	22.50	
50.9	65.9		Cum	1	15.00	10.00	10.00	10.00	0.15	22.50	
65.9	80.9		Cum	1	15.00	10.00	10.10	10.05	0.15	22.61	
80.9	95.9		Cum	1	15.00	10.10	10.25	10.18	0.15	22.89	
95.9	113.6		Cum	1	17.70	10.25	10.35	10.30	0.15	27.35	
0	8.6		Cum	1	8.60	13.20	13.20	13.20	0.15	17.03	
0	6.7		Cum	1	6.70	4.80	4.80	4.80	0.15	4.82	

523.33

Contractor

CIVIL Pro Sig..... Date..... PMC BANGALORE

Assistant Engineer

Assistant exicutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		3rd main To 1st Cross Connectig Road East to West									
0	15		Cum	1	15.00	9.65	9.70	9.68	0.15	21.77	
15	30		Cum	1	15.00	9.70	9.70	9.70	0.15	21.83	
30	45		Cum	1	15.00	9.70	9.65	9.68	0.15	21.77	
45	60		Cum	1	15.00	9.65	9.70	9.68	0.15	21.77	
60	75		Cum	1	15.00	9.70	9.50	9.60	0.15	21.60	
75	79.8		Cum	1	4.80	9.50	9.70	9.60	0.15	6.91	
		4th Main Road East to West									
0	15		Cum	1	15.00	10.70	9.50	10.10	0.20	30.30	
15	30		Cum	1	15.00	9.50	9.40	9.45	0.20	28.35	
30	40.5		Cum	1	10.50	9.40	9.60	9.50	0.20	19.95	
40.5	52.1		Cum	1	11.60	10.95	11.00	10.98	0.20	25.46	
52.1	60		Cum	1	7.90	9.50	9.40	9.45	0.20	14.93	
		Road Widening 3rd Cross Road South to North LHS									
0	15		Cum	1	15.00	1.00	3.45	2.23	0.15	5.01	
15	30		Cum	1	15.00	3.45	3.45	3.45	0.15	7.76	
30	45		Cum	1	15.00	3.45	3.45	3.45	0.15	7.76	
45	60		Cum	1	15.00	3.45	3.45	3.45	0.15	7.76	
60	75		Cum	1	15.00	3.45	3.45	3.45	0.15	7.76	
75	90		Cum	1	15.00	3.45	3.45	3.45	0.15	7.76	278.46
									Total Executed Quantity	801.79	
									Qty Carried to Summary	801.79	

CIVIL Pro Sig..... Date..... PMC BANGALORE

Assistant Engineer

Assistant exicutive Engineer

BBMP (Ward No 05)

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to roads and drains at MCECHS layout in ward no. 05, Byataranapura Sub Division

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.19		Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements Taken On;											
		3 rd cross connecting to swd drain									
		East to West									
			Cum	1	7.80	15.10	14.10	14.60	0.23	26.19	
0	7.8	No Work	0	0	0.00	0.00	0.00	0.00	0.23	0.00	
7.8	9.1		Cum	1	5.90	9.90	9.20	9.55	0.23	12.96	
9.1	15		Cum	1	15.00	9.20	9.40	9.30	0.23	32.09	
15	30		Cum	1	15.00	9.40	9.60	9.50	0.23	32.78	
30	45		Cum	1	15.00	9.60	9.70	9.65	0.23	33.29	
45	60		Cum	1	15.00	9.70	10.00	9.85	0.23	33.98	
60	75		Cum	1	15.00	10.00	10.10	10.05	0.23	34.67	
75	90		Cum	1	5.10	10.10	10.15	10.13	0.23	11.88	
90	95.1		Cum	1	1.90	10.15	9.30	9.73	0.23	4.25	
95.1	97		Cum	1	7.40	8.70	9.15	8.93	0.23	15.19	
97	104.4										
			Cum	1	6.50	6.80	7.20	7.00	0.23	10.47	
0	6.5										
		3rd A Main Road									
		West to East									
			Cum	1	4.70	13.70	12.00	12.85	0.23	13.89	
0	4.7		Cum	0	0.00	0.00	0.00	0.00	0.23	0.00	
4.7	6.2	No Work	Cum	1	8.80	10.00	9.85	9.93	0.23	20.09	
6.2	15		Cum	1	15.00	9.85	9.70	9.78	0.23	33.72	
15	30		Cum	1	15.00	9.70	9.55	9.63	0.23	33.21	
30	45		Cum	1	15.00	9.55	9.45	9.50	0.23	32.78	
45	60		Cum	1	15.00	9.45	9.35	9.40	0.23	32.43	
60	75		Cum	1	15.00	9.35	9.20	9.28	0.23	32.00	
75	90		Cum	1	15.00	9.20	9.10	9.15	0.23	31.57	
90	105		Cum	1	15.00	9.10	9.00	9.05	0.23	31.22	
105	120		Cum	1	5.10	9.00	9.00	9.00	0.23	10.56	
120	125.1										
		3rd Main Road									
		West to East									
0	13.6		Cum	1	13.60	10.85	10.85	10.85	0.23	33.94	
13.6	20.9		Cum	1	7.30	9.30	12.30	10.80	0.23	18.13	
20.9	35.9		Cum	1	15.00	12.30	11.65	11.98	0.23	41.31	
35.9	50.9		Cum	1	15.00	10.00	10.00	10.00	0.23	34.50	
50.9	65.9		Cum	1	15.00	10.00	10.00	10.00	0.23	34.50	
65.9	80.9		Cum	1	15.00	10.00	10.10	10.05	0.23	34.67	
80.9	95.9		Cum	1	15.00	10.10	10.25	10.18	0.23	35.10	
95.9	113.6		Cum	1	17.70	10.25	10.35	10.30	0.23	41.93	
0	8.6		Cum	1	8.60	13.20	13.20	13.20	0.23	26.11	

819.40

Contactor

CIVIL Pro Sig..... Date..... BANGALORE

Assistant Engineer

Assistant Exicutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
0	6.7		Cum	1	6.70	4.80	4.80	4.80	0.23	7.40	
		3rd main To 1st Cross Connectig Road East to West									
0	15		Cum	1	15.00	9.65	9.70	9.68	0.23	33.38	
15	30		Cum	1	15.00	9.70	9.70	9.70	0.23	33.47	
30	45		Cum	1	15.00	9.70	9.65	9.68	0.23	33.38	
45	60		Cum	1	15.00	9.65	9.70	9.68	0.23	33.38	
60	75		Cum	1	15.00	9.70	9.50	9.60	0.23	33.12	
75	79.8		Cum	1	4.80	9.50	9.70	9.60	0.23	10.60	
		Road Cut Portion 4th Main Road East to West									
0	15		Cum	1	15.00	10.70	9.50	10.10	0.23	34.85	
15	30		Cum	1	15.00	9.50	9.40	9.45	0.23	32.60	
30	40.5		Cum	1	10.50	9.40	9.60	9.50	0.23	22.94	
40.5	52.1		Cum	1	11.60	10.95	11.00	10.98	0.23	29.28	
52.1	60		Cum	1	7.90	9.50	9.40	9.45	0.23	17.17	
60	75		Cum	1	15.00	2.35	2.40	2.38	0.23	8.19	
75	88		Cum	1	13.00	2.35	2.15	2.25	0.23	6.73	
90	103		Cum	1	13.00	2.20	2.60	2.40	0.23	7.18	
105	118		Cum	1	13.00	2.35	2.15	2.25	0.23	6.73	
120	133		Cum	1	13.00	2.45	2.35	2.40	0.23	7.18	
137	150		Cum	1	13.00	2.25	2.30	2.28	0.23	6.80	
152	165		Cum	1	13.00	2.15	2.05	2.10	0.23	6.28	
		3rd Cross Road South to North LHS									
0	9		Cum	1	9.00	10.15	10.15	10.15	0.23	21.01	
13	17		Cum	1	4.00	2.20	1.95	2.08	0.23	1.91	
33	41		Cum	1	8.00	2.30	2.15	2.23	0.23	4.09	
48	55		Cum	1	7.00	2.30	1.95	2.13	0.23	3.42	
63	73		Cum	1	10.00	2.25	2.35	2.30	0.23	5.29	
75	83		Cum	1	8.00	2.55	2.20	2.38	0.23	4.37	
85	94		Cum	1	9.00	2.60	2.15	2.38	0.23	4.92	
96.9	102		Cum	1	5.10	1.75	1.25	1.50	0.23	1.76	
105	116		Cum	1	11.00	1.80	2.30	2.05	0.23	5.19	
123	130		Cum	1	7.00	2.05	2.25	2.15	0.23	3.46	
137	147		Cum	1	10.00	2.20	2.10	2.15	0.23	4.95	
		RHS									
10	17		Cum	1	7.00	2.20	1.95	2.08	0.23	3.34	
33	41		Cum	1	8.00	2.30	2.15	2.23	0.23	4.09	
48	55		Cum	1	7.00	2.30	1.95	2.13	0.23	3.42	
63	73		Cum	1	10.00	2.25	2.35	2.30	0.23	5.29	
		2nd Cross Road North to South									
0	15		Cum	1	15.00	2.20	3.00	2.60	0.23	8.97	
15	30		Cum	1	15.00	2.35	2.45	2.40	0.23	8.28	
30	45		Cum	1	15.00	2.55	2.60	2.58	0.23	8.88	
45	48.1		Cum	1	3.10	2.50	2.40	2.45	0.23	1.75	
8.1	58.4		Cum	1	10.30	2.50	2.50	2.50	0.23	5.92	
8.4	75		Cum	1	16.60	2.45	2.35	2.40	0.23	9.16	

490.12

Contactor

CIVIL Pro Sig..... Date..... BANGALORE

Assistant Engineer

29/11/22

Assistant Executive Engineer

29/11/22

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
75	84.7		Cum	1	9.70	2.20	2.25	2.23	0.23	4.96	
		3rd Main Road									
		West to East									
		RHS									
0	11.1		Cum	1	11.10	2.50	2.60	2.55	0.23	6.51	
11.1	15		Cum	1	3.90	2.20	2.45	2.33	0.23	2.09	
18	28		Cum	1	10.00	2.35	2.15	2.25	0.23	5.18	
30	43		Cum	1	13.00	3.00	3.20	3.10	0.23	9.27	
47	58		Cum	1	11.00	2.80	2.20	2.50	0.23	6.33	
60	63.5		Cum	1	3.50	2.10	2.30	2.20	0.23	1.77	
66	70		Cum	1	4.00	2.10	2.10	2.10	0.23	1.93	
73	83		Cum	1	10.00	2.30	2.20	2.25	0.23	5.18	
		RHS									
14	25		Cum	1	11.00	2.20	2.25	2.23	0.23	5.63	
55	63		Cum	1	8.00	2.35	2.15	2.25	0.23	4.14	
		1st Main Road									
		North to South									
0	5.4		Cum	1	5.40	2.30	2.10	2.20	0.23	2.73	
9	15		Cum	1	6.00	2.10	2.25	2.18	0.23	3.00	
19	26		Cum	1	7.00	1.85	2.05	1.95	0.23	3.14	
33	39		Cum	1	6.00	2.10	2.20	2.15	0.23	2.97	
47	59		Cum	1	12.00	2.30	2.20	2.25	0.23	6.21	
65	75		Cum	1	10.00	2.50	2.05	2.28	0.23	5.23	
77	88		Cum	1	11.00	1.55	1.75	1.65	0.23	4.17	
92	101		Cum	1	9.00	1.95	2.20	2.08	0.23	4.30	
106	112.1		Cum	1	6.10	2.30	1.55	1.93	0.23	2.70	
118	125.5		Cum	1	7.50	1.35	1.65	1.50	0.23	2.59	
127	134		Cum	1	7.00	1.85	1.55	1.70	0.23	2.74	
143	157		Cum	1	14.00	1.45	1.65	1.55	0.23	4.99	
163	171		Cum	1	8.00	1.45	1.75	1.60	0.23	2.94	
176	191		Cum	1	15.00	2.20	2.10	2.15	0.23	7.42	
195	202		Cum	1	7.00	2.10	2.20	2.15	0.23	3.46	
		2nd Main Road									
		North to South									
		LHS									
3	14		Cum	1	11.00	2.30	2.45	2.38	0.23	6.01	
16	29		Cum	1	13.00	2.35	2.50	2.43	0.23	7.25	
32	42		Cum	1	10.00	2.20	2.05	2.13	0.23	4.89	
48	61		Cum	1	13.00	2.35	2.25	2.30	0.23	6.88	
63	74		Cum	1	11.00	2.10	2.00	2.05	0.23	5.19	
76	88		Cum	1	12.00	2.30	2.10	2.20	0.23	6.07	
92	104		Cum	1	12.00	2.10	2.25	2.18	0.23	6.00	
107	119.5		Cum	1	12.50	2.30	2.05	2.18	0.23	6.25	
122	133.2		Cum	1	11.20	2.10	2.40	2.25	0.23	5.80	
135	147		Cum	1	12.00	2.30	1.95	2.13	0.23	5.87	
150	165		Cum	1	15.00	2.50	2.05	2.28	0.23	7.85	
		RHS									
3	12		Cum	1	9.00	2.55	2.20	2.38	0.23	4.92	
18	28		Cum	1	10.00	2.35	2.50	2.43	0.23	5.58	
33	42		Cum	1	9.00	2.20	2.45	2.33	0.23	4.81	
48	61		Cum	1	13.00	2.35	2.25	2.30	0.23	6.88	
63	74		Cum	1	11.00	2.10	2.35	2.23	0.23	5.63	

207.43

CIVIL Pro Sig..... Date..... PMC BANGALORE

Contactor

Assistant Engineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
			Cum	1	12.00	2.30	2.10	2.20	0.23	6.07	
76	88		Cum	1	12.00	2.30	2.45	2.38	0.23	6.56	
92	104		Cum	1	11.00	2.30	2.05	2.18	0.23	5.50	
107	118		Cum	1	10.00	2.10	2.40	2.25	0.23	5.18	
122	132		Cum	1	12.00	2.30	2.20	2.25	0.23	6.21	
135	147		Cum	1	12.00	2.10	1.95	2.03	0.23	5.59	
150	162										
		1st Cross Road									
		North to South									
			Cum	1	9.00	1.80	1.45	1.63	0.23	3.36	
3	12		Cum	1	11.00	1.85	1.55	1.70	0.23	4.30	
15	26		Cum	1	10.00	1.80	1.95	1.88	0.23	4.31	
32	42		Cum	1	12.00	1.55	1.65	1.60	0.23	4.42	
45	57		Cum	1	12.00	1.20	1.80	1.50	0.23	4.14	
60	72		Cum	1	13.00	2.10	1.55	1.83	0.23	5.46	
75	88		Cum	1	18.00	1.75	1.85	1.80	0.23	7.45	
90	108										
		Road Widening									
		3rd Cross Road									
		South to North									
		LHS									
0	15		Cum	1	15.00	1.00	3.45	2.23	0.23	7.68	
15	30		Cum	1	15.00	3.45	3.45	3.45	0.23	11.90	
30	45		Cum	1	15.00	3.45	3.45	3.45	0.23	11.90	
45	60		Cum	1	15.00	3.45	3.45	3.45	0.23	11.90	
60	75		Cum	1	15.00	3.45	3.45	3.45	0.23	11.90	
75	90		Cum	1	15.00	3.45	3.45	3.45	0.23	11.90	135.73
									Total Executed Quantity	1652.68	
									Qty Carried to Summary	1652.68	

CIVIL Pro Sig..... Date..... BANGALORE

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to roads and drains at MCECHS layout in ward no. 05, Byataranapura Sub Division

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.20		Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements Taken On;											
		3 rd cross connecting to swd drain									
		East to West									
			Sqm	1	7.80	15.14	14.14	14.64		114.19	
0	7.8	No Work	Sqm	0	1.30	0.00	0.00	0.00		0.00	
7.8	9.1		Sqm	1	5.90	9.94	9.24	9.59		56.58	
9.1	15		Sqm	1	15.00	9.24	9.44	9.34		140.10	
15	30		Sqm	1	15.00	9.44	9.64	9.54		143.10	
30	45		Sqm	1	15.00	9.64	9.74	9.69		145.35	
45	60		Sqm	1	15.00	9.74	10.00	9.87		148.05	
60	75		Sqm	1	15.00	10.00	10.10	10.05		150.75	
75	90		Sqm	1	5.10	10.14	10.15	10.15		51.75	
90	95.1		Sqm	1	1.90	10.15	9.34	9.75		18.52	
95.1	97		Sqm	1	7.40	8.74	9.15	8.95		66.21	
97	104.4										
			Sqm	1	6.50	6.84	7.24	7.04		45.76	
0	6.5										
	.	3rd A Main Road									
		West to East									
			Sqm	1	4.70	13.70	12.00	12.85		60.40	
0	4.7	No Work	Sqm	0	1.50	0.00	0.00	0.00		0.00	
4.7	6.2		Sqm	1	8.80	10.00	9.85	9.93		87.34	
6.2	15		Sqm	1	15.00	9.85	9.70	9.78		146.63	
15	30		Sqm	1	15.00	9.70	9.55	9.63		144.38	
30	45		Sqm	1	15.00	9.55	9.45	9.50		142.50	
45	60		Sqm	1	15.00	9.45	9.35	9.40		141.00	
60	75		Sqm	1	15.00	9.35	9.20	9.28		139.13	
75	90		Sqm	1	15.00	9.20	9.10	9.15		137.25	
90	105		Sqm	1	15.00	9.10	9.00	9.05		135.75	
105	120		Sqm	1	5.10	9.00	9.00	9.00		45.90	
120	125.1										
		3rd Main Road									
		West to East									
0	13.6		Sqm	1	13.60	10.85	10.85	10.85		147.56	
13.6	20.9		Sqm	1	7.30	9.30	12.30	10.80		78.84	
20.9	35.9		Sqm	1	15.00	12.30	11.65	11.98		179.63	
35.9	50.9		Sqm	1	15.00	10.00	10.00	10.00		150.00	
50.9	65.9		Sqm	1	15.00	10.00	10.00	10.00		150.00	
65.9	80.9		Sqm	1	15.00	10.00	10.10	10.05		150.75	
80.9	95.9		Sqm	1	15.00	10.10	10.25	10.18		152.63	
95.9	113.6		Sqm	1	17.70	10.25	10.35	10.30		182.31	
0	8.6		Sqm	1	8.60	13.20	13.20	13.20		113.52	

3565.85

Contractor

CIVIL Pro Sig..... Date..... BANGALORE

Assistant Engineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
			Sqm	1	6.70	4.80	4.80	4.80		32.16	
0	6.7	3rd main To 1st Cross Connectig Road East to West									
			Sqm	1	15.00	9.65	9.70	9.68		145.13	
0	15		Sqm	1	15.00	9.70	9.70	9.70		145.50	
15	30		Sqm	1	15.00	9.70	9.65	9.68		145.13	
30	45		Sqm	1	15.00	9.65	9.70	9.68		145.13	
45	60		Sqm	1	15.00	9.70	9.50	9.60		144.00	
60	75		Sqm	1	4.80	9.50	9.70	9.60		46.08	
75	79.8										
		Road Cut Portion 4th Main Road East to West									
			Sqm	1	15.00	10.70	9.50	10.10		151.50	
0	15		Sqm	1	15.00	9.50	9.40	9.45		141.75	
15	30		Sqm	1	10.50	9.40	9.60	9.50		99.75	
30	40.5		Sqm	1	11.60	10.95	11.00	10.98		127.31	
40.5	52.1		Sqm	1	7.90	9.50	9.40	9.45		74.66	
52.1	60		Sqm	1	15.00	6.00	7.20	6.60		99.00	
60	75		Sqm	1	13.00	5.60	5.30	5.45		70.85	
75	88		Sqm	1	13.00	2.20	2.60	2.40		31.20	
90	103		Sqm	1	13.00	3.60	3.80	3.70		48.10	
105	118		Sqm	1	13.00	2.45	2.35	2.40		31.20	
120	133		Sqm	1	13.00	5.60	5.60	5.60		72.80	
137	150		Sqm	1	13.00	2.15	2.05	2.10		27.30	
152	165										
		3rd Cross Road South to North LHS									
0	9		Sqm	1	9.00	10.15	10.15	10.15		91.35	
13	29		Sqm	1	16.00	8.00	9.30	8.65		138.40	
33	41		Sqm	1	8.00	2.30	2.15	2.23		17.80	
48	55		Sqm	1	7.00	2.30	1.95	2.13		14.88	
63	73		Sqm	1	10.00	2.25	2.35	2.30		23.00	
75	83		Sqm	1	8.00	2.55	2.20	2.38		19.00	
85	94		Sqm	1	9.00	2.60	2.15	2.38		21.38	
96.9	102		Sqm	1	5.10	2.60	2.20	2.40		12.24	
105	116		Sqm	1	11.00	3.30	3.60	3.45		37.95	
120	135		Sqm	1	15.00	2.05	2.25	2.15		32.25	
137	147		Sqm	1	10.00	2.20	2.10	2.15		21.50	
		RHS									
10	17		Sqm	1	7.00	2.20	1.95	2.08		14.53	
33	41		Sqm	1	8.00	2.30	2.15	2.23		17.80	
48	55		Sqm	1	7.00	2.30	2.30	2.30		16.10	
63	73		Sqm	1	10.00	2.25	2.35	2.30		23.00	
73	89		Sqm	1	16.00	2.30	3.60	2.95		47.20	
		2nd Cross Road North to South									
0	15		Sqm	1	15.00	2.20	3.00	2.60		39.00	
15	30		Sqm	1	15.00	2.35	2.45	2.40		36.00	
30	45		Sqm	1	15.00	2.55	2.60	2.58		38.63	
45	48.1		Sqm	1	3.10	2.50	2.40	2.45		7.60	

2448.12

CIVIL Pro Sig..... Date..... BANGALORE

Contactor

Assistant Engineer

Assistant exicutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
			Sqm	1	11.90	2.50	2.50	2.50		29.75	
48.1	60		Sqm	1	15.00	4.00	4.00	4.00		60.00	
60	75		Sqm	1	9.70	2.20	2.25	2.23		21.58	
75	84.7										
		3rd Main Road									
		West to East									
		RHS									
			Sqm	1	11.10	2.50	2.60	2.55		28.31	
0	11.1		Sqm	1	3.90	2.20	2.45	2.33		9.07	
11.1	15		Sqm	1	10.00	2.35	2.15	2.25		22.50	
18	28		Sqm	1	15.00	4.60	6.00	5.30		79.50	
30	45		Sqm	1	15.00	2.80	2.20	2.50		37.50	
45	60		Sqm	1	6.00	2.10	2.30	2.20		13.20	
60	66		Sqm	1	9.00	2.10	2.10	2.10		18.90	
66	75		Sqm	1	8.00	2.30	2.20	2.25		18.00	
75	83										
		RHS									
			Sqm	1	11.00	2.20	2.25	2.23		24.48	
14	25		Sqm	1	8.00	2.35	2.15	2.25		18.00	
55	63										
		1st Main Road									
		North to South									
			Sqm	1	5.40	2.30	2.10	2.20		11.88	
0	5.4		Sqm	1	6.00	2.10	2.25	2.18		13.05	
9	15		Sqm	1	7.00	1.85	2.05	1.95		13.65	
19	26		Sqm	1	12.00	2.10	2.20	2.15		25.80	
33	45		Sqm	1	12.00	2.30	2.20	2.25		27.00	
47	59		Sqm	1	10.00	2.50	2.05	2.28		22.75	
65	75		Sqm	1	11.00	3.30	2.90	3.10		34.10	
77	88		Sqm	1	15.00	1.95	2.20	2.08		31.13	
90	105		Sqm	1	14.00	2.30	1.55	1.93		26.95	
06	120		Sqm	1	7.50	1.35	1.65	1.50		11.25	
18	125.5		Sqm	1	7.00	1.85	1.55	1.70		11.90	
27	134		Sqm	1	14.00	1.45	1.65	1.55		21.70	
43	157		Sqm	1	8.00	1.45	1.75	1.60		12.80	
63	171		Sqm	1	15.00	2.20	2.10	2.15		32.25	
76	191		Sqm	1	7.00	2.10	2.20	2.15		15.05	
85	202										
		2nd Main Road									
		North to South									
		LHS									
			Sqm	1	11.00	2.30	2.45	2.38		26.13	
	14		Sqm	1	13.00	5.00	3.00	4.00		52.00	
	29		Sqm	1	10.00	2.20	2.05	2.13		21.25	
	42		Sqm	1	13.00	2.35	2.25	2.30		29.90	
	61		Sqm	1	11.00	2.10	2.00	2.05		22.55	
	74		Sqm	1	12.00	2.30	2.10	2.20		26.40	
	88		Sqm	1	12.00	2.10	2.25	2.18		26.10	
	104		Sqm	1	12.50	2.30	2.80	2.55		31.88	
	119.5		Sqm	1	11.20	2.10	2.40	2.25		25.20	
	133.2		Sqm	1	12.00	2.30	1.95	2.13		25.50	
	147		Sqm	1	15.00	2.50	2.05	2.28		34.13	
	165										
		RHS									
	12		Sqm	1	9.00	2.55	2.20	2.38		21.38	
	28		Sqm	1	10.00	2.50	2.50	2.50		25.00	

1059.44

CIVIL Pro Sig..... Date..... BANGALORE

Assistant Engineer

Assistant exicutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
33	42		Sqm	1	9.00	2.20	2.45	2.33		20.93	
48	61		Sqm	1	13.00	2.70	2.60	2.65		34.45	
63	74		Sqm	1	11.00	2.10	2.35	2.23		24.48	
76	90		Sqm	1	14.00	2.30	2.10	2.20		30.80	
90	105		Sqm	1	15.00	2.30	2.45	2.38		35.63	
107	120		Sqm	1	13.00	2.60	2.60	2.60		33.80	
120	135		Sqm	1	15.00	2.10	2.40	2.25		33.75	
135	150		Sqm	1	15.00	2.30	2.20	2.25		33.75	
150	162		Sqm	1	12.00	2.10	1.95	2.03		24.30	
		1st Cross Road									
		North to South									
3	12		Sqm	1	9.00	1.80	1.60	1.70		15.30	
15	26		Sqm	1	11.00	1.85	1.55	1.70		18.70	
32	42		Sqm	1	10.00	1.80	1.95	1.88		18.75	
45	57		Sqm	1	12.00	1.55	1.65	1.60		19.25	
60	72		Sqm	1	12.00	1.60	2.10	1.85		22.20	
75	88		Sqm	1	13.00	2.10	2.30	2.20		28.60	
90	108		Sqm	1	18.00	3.00	3.20	3.10		55.80	450.47
									Total Executed Quantity	7523.87	
									Qty Carried to Summary	7523.87	

22.5.22
25/2/2022

CIVIL Pro
Sig.....
Date.....
BANGALORE

Contactor

PMC

Assistant Engineer

Assistant executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to roads and drains at MCECHS layout in ward no. 05, Byataranapura Sub Division

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.21		Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements Taken On;											
		3 rd cross connecting to swd drain									
		East to West									
0	7.8		Sqm	1	7.80	15.10	14.10	14.60		113.88	
7.8	9.1	No Work	Sqm	0	0.00	0.00	0.00	0.00		0.00	
9.1	15		Sqm	1	5.90	9.90	9.20	9.55		56.35	
15	30		Sqm	1	15.00	9.20	9.40	9.30		139.50	
30	45		Sqm	1	15.00	9.40	9.60	9.50		142.50	
45	60		Sqm	1	15.00	9.60	9.70	9.65		144.75	
60	75		Sqm	1	15.00	9.70	10.00	9.85		147.75	
75	90		Sqm	1	15.00	10.00	10.10	10.05		150.75	
90	95.1		Sqm	1	5.10	10.10	10.15	10.13		51.64	
95.1	97		Sqm	1	1.90	10.15	9.30	9.73		18.48	
97	104.4		Sqm	1	7.40	8.70	9.15	8.93		66.05	
0	6.5		Sqm	1	6.50	6.80	7.20	7.00		45.50	
		3rd A Main Road									
		West to East									
0	4.7		Sqm	1	4.70	13.70	12.00	12.85		60.40	
4.7	6.2	No Work	Sqm	0	0.00	0.00	0.00	0.00		0.00	
6.2	15		Sqm	1	8.80	10.00	9.85	9.93		87.34	
15	30		Sqm	1	15.00	9.85	9.70	9.78		146.63	
30	45		Sqm	1	15.00	9.70	9.55	9.63		144.38	
45	60		Sqm	1	15.00	9.55	9.45	9.50		142.50	
60	75		Sqm	1	15.00	9.45	9.35	9.40		141.00	
75	90		Sqm	1	15.00	9.35	9.20	9.28		139.13	
90	105		Sqm	1	15.00	9.20	9.10	9.15		137.25	
105	120		Sqm	1	15.00	9.10	9.00	9.05		135.75	
120	125.1		Sqm	1	5.10	9.00	9.00	9.00		45.90	
		3rd Main Road									
		West to East									
0	13.6		Sqm	1	13.60	10.85	10.85	10.85		147.56	
3.6	20.9		Sqm	1	7.30	9.30	12.30	10.80		78.84	
0.9	35.9		Sqm	1	15.00	12.30	11.65	11.98		179.63	
5.9	50.9		Sqm	1	15.00	10.00	10.00	10.00		150.00	
0.9	65.9		Sqm	1	15.00	10.00	10.00	10.00		150.00	
5.9	80.9		Sqm	1	15.00	10.00	10.10	10.05		150.75	
0.9	95.9		Sqm	1	15.00	10.10	10.25	10.18		152.63	
5.9	113.6		Sqm	1	17.70	10.25	10.35	10.30		182.31	
0	8.6		Sqm	1	8.60	13.20	13.20	13.20		113.52	
0	6.7		Sqm	1	6.70	4.80	4.80	4.80		32.16	

3594.79

Contactor

CIVIL Rep. Sig..... Date..... BANGALORE BMC

Assistant Engineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		3rd main To 1st Cross Connectig Road									
		East to West									
	15		Sqm	1	15.00	9.65	9.70	9.68		145.13	
0	30		Sqm	1	15.00	9.70	9.70	9.70		145.50	
15	45		Sqm	1	15.00	9.70	9.65	9.68		145.13	
30	60		Sqm	1	15.00	9.65	9.70	9.68		145.13	
45	75		Sqm	1	15.00	9.70	9.50	9.60		144.00	
60	79.8		Sqm	1	4.80	9.50	9.70	9.60		46.08	
75											
		Road Cut Portion									
		4th Main Road									
		East to West									
	15		Sqm	1	15.00	10.70	9.50	10.10		151.50	
0	30		Sqm	1	15.00	9.50	9.40	9.45		141.75	
15	40.5		Sqm	1	10.50	9.40	9.60	9.50		99.75	
30	52.1		Sqm	1	11.60	10.95	11.00	10.98		127.31	
40.5	60		Sqm	1	7.90	9.50	9.40	9.45		74.66	
52.1	75		Sqm	1	15.00	2.35	2.40	2.38		35.63	
60	88		Sqm	1	13.00	2.35	2.15	2.25		29.25	
75	103		Sqm	1	13.00	2.20	2.60	2.40		31.20	
90	118		Sqm	1	13.00	2.35	2.15	2.25		29.25	
105	133		Sqm	1	13.00	2.45	2.35	2.40		31.20	
120	150		Sqm	1	13.00	2.25	2.30	2.28		29.58	
137	165		Sqm	1	13.00	2.15	2.05	2.10		27.30	
152											
		3rd Cross Road									
		South to North									
		LHS									
0	9		Sqm	1	9.00	10.15	10.15	10.15		91.35	
13	17		Sqm	1	4.00	2.20	1.95	2.08		8.30	
33	41		Sqm	1	8.00	2.30	2.15	2.23		17.80	
48	55		Sqm	1	7.00	2.30	1.95	2.13		14.88	
63	73		Sqm	1	10.00	2.25	2.35	2.30		23.00	
75	83		Sqm	1	8.00	2.55	2.20	2.38		19.00	
85	94		Sqm	1	9.00	2.60	2.15	2.38		21.38	
96.9	102		Sqm	1	5.10	1.75	1.25	1.50		7.65	
105	116		Sqm	1	11.00	1.80	2.30	2.05		22.55	
123	130		Sqm	1	7.00	2.05	2.25	2.15		15.05	
137	147		Sqm	1	10.00	2.20	2.10	2.15		21.50	
		RHS									
10	17		Sqm	1	7.00	2.20	1.95	2.08		14.53	
33	41		Sqm	1	8.00	2.30	2.15	2.23		17.80	
48	55		Sqm	1	7.00	2.30	1.95	2.13		14.88	
63	73		Sqm	1	10.00	2.25	2.35	2.30		23.00	
		2nd Cross Road									
		North to South									
0	15		Sqm	1	15.00	2.20	3.00	2.60		39.00	
15	30		Sqm	1	15.00	2.35	2.45	2.40		36.00	
30	45		Sqm	1	15.00	2.55	2.60	2.58		38.63	
45	48.1		Sqm	1	3.10	2.50	2.40	2.45		7.60	
48.1	58.4		Sqm	1	10.30	2.50	2.50	2.50		25.75	
58.4	75		Sqm	1	16.60	2.45	2.35	2.40		39.84	
75	84.7		Sqm	1	9.70	2.20	2.25	2.23		21.58	

2120.36

Contactor

CIVIL Pro Sig..... Date..... BANGALORE

Assistant Engineer

Assistant exicutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		3rd Main Road									
		West to East									
		RHS									
	11.1		Sqm	1	11.10	2.50	2.60	2.55		28.31	
0	15		Sqm	1	3.90	2.20	2.45	2.33		9.07	
11.1	28		Sqm	1	10.00	2.35	2.15	2.25		22.50	
18	43		Sqm	1	13.00	3.00	3.20	3.10		40.30	
30	58		Sqm	1	11.00	2.80	2.20	2.50		27.50	
47	63.5		Sqm	1	3.50	2.10	2.30	2.20		7.70	
60	70		Sqm	1	4.00	2.10	2.10	2.10		8.40	
66	83		Sqm	1	10.00	2.30	2.20	2.25		22.50	
73		RHS									
			Sqm	1	11.00	2.20	2.25	2.23		24.48	
14	25		Sqm	1	8.00	2.35	2.15	2.25		18.00	
55	63										
		1st Main Road									
		North to South									
			Sqm	1	5.40	2.30	2.10	2.20		11.88	
0	5.4		Sqm	1	6.00	2.10	2.25	2.18		13.05	
9	15		Sqm	1	7.00	1.85	2.05	1.95		13.65	
19	26		Sqm	1	6.00	2.10	2.20	2.15		12.90	
33	39		Sqm	1	12.00	2.30	2.20	2.25		27.00	
47	59		Sqm	1	10.00	2.50	2.05	2.28		22.75	
65	75		Sqm	1	11.00	1.55	1.75	1.65		18.15	
77	88		Sqm	1	9.00	1.95	2.20	2.08		18.68	
92	101		Sqm	1	6.10	2.30	1.55	1.93		11.74	
106	112.1		Sqm	1	7.50	1.35	1.65	1.50		11.25	
118	125.5		Sqm	1	7.00	1.85	1.55	1.70		11.90	
127	134		Sqm	1	14.00	1.45	1.65	1.55		21.70	
143	157		Sqm	1	8.00	1.45	1.75	1.60		12.80	
163	171		Sqm	1	15.00	2.20	2.10	2.15		32.25	
176	191		Sqm	1	7.00	2.10	2.20	2.15		15.05	
195	202										
		2nd Main Road									
		North to South									
		LHS									
3	14		Sqm	1	11.00	2.30	2.45	2.38		26.13	
16	29		Sqm	1	13.00	2.35	2.50	2.43		31.53	
32	42		Sqm	1	10.00	2.20	2.05	2.13		21.25	
48	61		Sqm	1	13.00	2.35	2.25	2.30		29.90	
63	74		Sqm	1	11.00	2.10	2.00	2.05		22.55	
76	88		Sqm	1	12.00	2.30	2.10	2.20		26.40	
92	104		Sqm	1	12.00	2.10	2.25	2.18		26.10	
107	119.5		Sqm	1	12.50	2.30	2.05	2.18		27.19	
122	133.2		Sqm	1	11.20	2.10	2.40	2.25		25.20	
135	147		Sqm	1	12.00	2.30	1.95	2.13		25.50	
150	165		Sqm	1	15.00	2.50	2.05	2.28		34.13	
		RHS									
3	12		Sqm	1	9.00	2.55	2.20	2.38		21.38	
18	28		Sqm	1	10.00	2.35	2.50	2.43		24.25	
33	42		Sqm	1	9.00	2.20	2.45	2.33		20.93	
48	61		Sqm	1	13.00	2.35	2.25	2.30		29.90	
63	74		Sqm	1	11.00	2.10	2.35	2.23		24.48	
76	88		Sqm	1	12.00	2.30	2.10	2.20		26.40	
92	104		Sqm	1	12.00	2.30	2.45	2.38		28.50	

935.18

EPFC 22/2/2022

Contactor

CIVIL Pro Sig..... Date..... BMC BANGALORE

Assistant Engineer

Assistant exicutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
107	118		Sqm	1	11.00	2.30	2.05	2.18		23.93	
122	132		Sqm	1	10.00	2.10	2.40	2.25		22.50	
135	147		Sqm	1	12.00	2.30	2.20	2.25		27.00	
150	162		Sqm	1	12.00	2.10	1.95	2.03		24.30	
		1st Cross Road									
		North to South									
3	12		Sqm	1	9.00	1.80	1.45	1.63		14.63	
15	26		Sqm	1	11.00	1.85	1.55	1.70		18.70	
32	42		Sqm	1	10.00	1.80	1.95	1.88		18.75	
45	57		Sqm	1	12.00	1.55	1.65	1.60		19.20	
60	72		Sqm	1	12.00	1.20	1.80	1.50		18.00	
75	88		Sqm	1	13.00	2.10	1.55	1.83		23.73	
90	108		Sqm	1	18.00	1.75	1.85	1.80		32.40	
		Road Widening									
		3rd Cross Road									
		South to North									
		LHS									
0	15		Sqm	1	15.00	1.00	3.45	2.23		33.38	
15	30		Sqm	1	15.00	3.45	3.45	3.45		51.75	
30	45		Sqm	1	15.00	3.45	3.45	3.45		51.75	
45	60		Sqm	1	15.00	3.45	3.45	3.45		51.75	
60	75		Sqm	1	15.00	3.45	3.45	3.45		51.75	
75	90		Sqm	1	15.00	3.45	3.45	3.45		51.75	
		Profile Correction									
		4th Main Road									
		East to West									
60	75		Sqm	1	15.00	2.40	2.50	2.45		36.75	
75	90		Sqm	1	15.00	2.60	2.35	2.48		37.13	
90	105		Sqm	1	15.00	2.40	2.60	2.50		37.50	
105	120		Sqm	1	15.00	2.45	2.55	2.50		37.50	
120	135		Sqm	1	15.00	2.55	2.35	2.45		36.75	
135	150		Sqm	1	15.00	2.25	2.70	2.48		37.13	
150	164.4		Sqm	1	14.40	2.15	2.20	2.18		31.32	
		3 rd cross road									
		south to north									
20	30		Sqm	1	10.00	2.30	2.50	2.40		24.00	
30	45		Sqm	1	15.00	2.45	2.65	2.55		38.25	
45	60		Sqm	1	15.00	2.70	2.35	2.53		37.88	
60	75		Sqm	1	15.00	2.35	2.60	2.48		37.13	
75	83		Sqm	1	8.00	2.55	2.20	2.38		19.00	
83	96.9		Sqm	1	13.90	2.60	2.35	2.48		34.40	
96.9	105		Sqm	1	8.10	2.20	2.10	2.15		17.42	
105	120		Sqm	1	15.00	2.40	2.30	2.35		35.25	
120	135		Sqm	1	15.00	2.40	2.50	2.45		36.75	
135	150.8		Sqm	1	15.80	2.20	2.30	2.25		35.55	
		2nd Cross Road									
		north to south									
0	15		Sqm	1	15.00	2.80	3.00	2.90		43.50	
15	30		Sqm	1	15.00	3.20	2.70	2.95		44.25	
30	45		Sqm	1	15.00	2.85	2.90	2.88		43.13	
45	48.1		Sqm	1	3.10	3.10	3.30	3.20		9.92	

1245.73

Contactor

CIVIL Pro Sig..... Date..... PMC BANGALORE

Assistant Engineer

Assistant exicutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
			Sqm	1	10.30	2.80	2.90	2.85		29.36	
48.1	58.4		Sqm	1	16.60	2.65	2.35	2.50		41.50	
58.4	75		Sqm	1	9.70	2.40	2.25	2.33		22.55	
75	84.7										
		3rd main Road									
		west to east									
			Sqm	1	11.10	2.80	2.90	2.85		31.64	
0	11.1		Sqm	1	3.90	3.10	2.80	2.95		11.51	
11.1	15		Sqm	1	15.00	2.50	2.40	2.45		36.75	
15	30		Sqm	1	15.00	3.00	3.20	3.10		46.50	
30	45		Sqm	1	15.00	3.10	2.80	2.95		44.25	
45	60		Sqm	1	3.50	2.10	2.30	2.20		7.70	
60	63.5		Sqm	1	20.60	3.00	3.20	3.10		63.86	
63.5	84.1										
		1st main Road									
		north to south									
			Sqm	1	5.40	2.30	2.10	2.20		11.88	
0	5.4		Sqm	1	9.60	2.10	2.25	2.18		20.88	
5.4	15		Sqm	1	15.00	1.85	2.05	1.95		29.25	
15	30		Sqm	1	15.00	2.10	2.20	2.15		32.25	
30	45		Sqm	1	15.00	2.30	2.20	2.25		33.75	
45	60		Sqm	1	15.00	2.50	2.05	2.28		34.13	
60	75		Sqm	1	15.00	1.55	1.75	1.65		24.75	
75	90		Sqm	1	15.00	1.95	2.20	2.08		31.13	
90	105		Sqm	1	7.10	2.30	1.55	1.93		13.67	
105	112.1		Sqm	1	13.40	1.35	1.65	1.50		20.10	
112.1	125.5		Sqm	1	11.90	1.85	1.55	1.70		20.23	
125.5	137.4		Sqm	1	2.70	1.45	1.65	1.55		4.18	
137.4	140.1		Sqm	1	19.90	1.45	1.75	1.60		31.84	
140.1	160		Sqm	1	15.00	2.20	2.10	2.15		32.25	
160	175		Sqm	1	20.00	2.10	2.20	2.15		43.00	
175	195		Sqm	1	9.70	2.10	2.20	2.15		20.86	
195	204.7										
		2nd main Road									
		east to west									
			Sqm	1	15.00	2.10	2.00	2.05		30.75	
0	15		Sqm	1	15.00	1.95	2.20	2.08		31.13	
15	30		Sqm	1	15.00	2.20	2.05	2.13		31.88	
30	45		Sqm	1	18.00	2.35	2.25	2.30		41.40	
45	63		Sqm	1	12.00	2.10	2.00	2.05		24.60	
63	75		Sqm	1	15.00	2.30	2.10	2.20		33.00	
75	90		Sqm	1	15.00	2.10	2.25	2.18		32.63	
90	105		Sqm	1	15.00	2.30	2.05	2.18		32.63	
105	120		Sqm	1	15.00	2.10	2.40	2.25		33.75	
120	135		Sqm	1	15.00	2.30	1.95	2.13		31.88	
135	150		Sqm	1	18.10	2.50	2.05	2.28		41.18	11044.55
150	168.1								Total Executed Quantity	9000.61	
									Qty Carried to Summary	9000.61	

Contactor

CIVIL Pro Sig..... Date..... BANGALORE

Assistant Engineer

Assistant excutive Engineer

25/2/2022

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to roads and drains at MCECHS layout in ward no. 05, Byataranapura Sub Division

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		Item No.22 Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work									
		Measurements Taken On;									
		3 rd cross connecting to swd drain									
		East to West									
0	7.8		Cum	1	7.80	15.10	14.10	14.60	0.05	5.69	
7.8	9.1	No Work	0	0	0.00	0.00	0.00	0.00	0.05	0.00	
9.1	15		Cum	1	5.90	9.90	9.20	9.55	0.05	2.82	
15	30		Cum	1	15.00	9.20	9.40	9.30	0.05	6.98	
30	45		Cum	1	15.00	9.40	9.60	9.50	0.05	7.13	
45	60		Cum	1	15.00	9.60	9.70	9.65	0.05	7.24	
60	75		Cum	1	15.00	9.70	10.00	9.85	0.05	7.39	
75	90		Cum	1	15.00	10.00	10.10	10.05	0.05	7.54	
90	95.1		Cum	1	5.10	10.10	10.15	10.13	0.05	2.58	
95.1	97		Cum	1	1.90	10.15	9.30	9.73	0.05	0.92	
97	104.4		Cum	1	7.40	8.70	9.15	8.93	0.05	3.30	
0	6.5		Cum	1	6.50	6.80	7.20	7.00	0.05	2.28	
		3rd A Main Road									
		West to East									
0	4.7		Cum	1	4.70	13.70	12.00	12.85	0.05	3.02	
4.7	6.2	No Work	Cum	0	0.00	0.00	0.00	0.00	0.05	0.00	
6.2	15		Cum	1	8.80	10.00	9.85	9.93	0.05	4.37	
15	30		Cum	1	15.00	9.85	9.70	9.78	0.05	7.33	
30	45		Cum	1	15.00	9.70	9.55	9.63	0.05	7.22	
45	60		Cum	1	15.00	9.55	9.45	9.50	0.05	7.13	
60	75		Cum	1	15.00	9.45	9.35	9.40	0.05	7.05	
75	90		Cum	1	15.00	9.35	9.20	9.28	0.05	6.96	
90	105		Cum	1	15.00	9.20	9.10	9.15	0.05	6.86	
105	120		Cum	1	15.00	9.10	9.00	9.05	0.05	6.79	
120	125.1		Cum	1	5.10	9.00	9.00	9.00	0.05	2.30	
		3rd Main Road									
		West to East									
	13.6		Cum	1	13.60	10.85	10.85	10.85	0.05	7.38	
13.6	20.9		Cum	1	7.30	9.30	12.30	10.80	0.05	3.94	
20.9	35.9		Cum	1	15.00	12.30	11.65	11.98	0.05	8.98	
35.9	50.9		Cum	1	15.00	10.00	10.00	10.00	0.05	7.50	
50.9	65.9		Cum	1	15.00	10.00	10.00	10.00	0.05	7.50	
65.9	80.9		Cum	1	15.00	10.00	10.10	10.05	0.05	7.54	
80.9	95.9		Cum	1	15.00	10.10	10.25	10.18	0.05	7.63	
95.9	113.6		Cum	1	17.70	10.25	10.35	10.30	0.05	9.12	
	8.6		Cum	1	8.60	13.20	13.20	13.20	0.05	5.68	

178.13

CAFC 11/2/2022

Contractor

CIVIL Pro Sig..... Date..... BANGALORE PMC

Assistant Engineer

Assistant executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
			Cum	1	6.70	4.80	4.80	4.80	0.05	1.61	
0	6.7	3rd main To 1st Cross Connectig Road East to West									
0	15		Cum	1	15.00	9.65	9.70	9.68	0.05	7.26	
15	30		Cum	1	15.00	9.70	9.70	9.70	0.05	7.28	
30	45		Cum	1	15.00	9.70	9.65	9.68	0.05	7.26	
45	60		Cum	1	15.00	9.65	9.70	9.68	0.05	7.26	
60	75		Cum	1	15.00	9.70	9.50	9.60	0.05	7.20	
75	79.8		Cum	1	4.80	9.50	9.70	9.60	0.05	2.30	
		Road Cut Portion 4th Main Road East to West									
0	15		Cum	1	15.00	10.70	9.50	10.10	0.05	7.58	
15	30		Cum	1	15.00	9.50	9.40	9.45	0.05	7.09	
30	40.5		Cum	1	10.50	9.40	9.60	9.50	0.05	4.99	
40.5	52.1		Cum	1	11.60	10.95	11.00	10.98	0.05	6.37	
52.1	60		Cum	1	7.90	9.50	9.40	9.45	0.05	3.73	
60	75		Cum	1	15.00	2.35	2.40	2.38	0.05	1.78	
75	88		Cum	1	13.00	2.35	2.15	2.25	0.05	1.46	
90	103		Cum	1	13.00	2.20	2.60	2.40	0.05	1.56	
105	118		Cum	1	13.00	2.35	2.15	2.25	0.05	1.46	
120	133		Cum	1	13.00	2.45	2.35	2.40	0.05	1.56	
137	150		Cum	1	13.00	2.25	2.30	2.28	0.05	1.48	
152	165		Cum	1	13.00	2.15	2.05	2.10	0.05	1.37	
		3rd Cross Road South to North LHS									
0	9		Cum	1	9.00	10.15	10.15	10.15	0.05	4.57	
13	17		Cum	1	4.00	2.20	1.95	2.08	0.05	0.42	
33	41		Cum	1	8.00	2.30	2.15	2.23	0.05	0.89	
48	55		Cum	1	7.00	2.30	1.95	2.13	0.05	0.74	
63	73		Cum	1	10.00	2.25	2.35	2.30	0.05	1.15	
75	83		Cum	1	8.00	2.55	2.20	2.38	0.05	0.95	
85	94		Cum	1	9.00	2.60	2.15	2.38	0.05	1.07	
96.9	102		Cum	1	5.10	1.75	1.25	1.50	0.05	0.38	
105	116		Cum	1	11.00	1.80	2.30	2.05	0.05	1.13	
123	130		Cum	1	7.00	2.05	2.25	2.15	0.05	0.75	
137	147		Cum	1	10.00	2.20	2.10	2.15	0.05	1.08	
		RHS									
13	17		Cum	1	7.00	2.20	1.95	2.08	0.05	0.73	
33	41		Cum	1	8.00	2.30	2.15	2.23	0.05	0.89	
48	55		Cum	1	7.00	2.30	1.95	2.13	0.05	0.74	
63	73		Cum	1	10.00	2.25	2.35	2.30	0.05	1.15	
		2nd Cross Road North to South									
0	15		Cum	1	15.00	2.20	3.00	2.60	0.05	1.95	
15	30		Cum	1	15.00	2.35	2.45	2.40	0.05	1.80	
30	45		Cum	1	15.00	2.55	2.60	2.58	0.05	1.93	
45	48.1		Cum	1	3.10	2.50	2.40	2.45	0.05	0.38	
48.1	58.4		Cum	1	10.30	2.50	2.50	2.50	0.05	1.29	
58.4	75		Cum	1	16.60	2.45	2.35	2.40	0.05	1.99	

106.55

15/2/2022

Contractor

CIVIL Pro Sig..... Date..... BMC BANGALORE

Assistant Engineer

Assistant exicutive Engineer

15/2/2022

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
75	84.7		Cum	1	9.70	2.20	2.25	2.23	0.05	1.08	
		3rd Main Road									
		West to East									
		RHS									
0	11.1		Cum	1	11.10	2.50	2.60	2.55	0.05	1.42	
11.1	15		Cum	1	3.90	2.20	2.45	2.33	0.05	0.45	
18	28		Cum	1	10.00	2.35	2.15	2.25	0.05	1.13	
30	43		Cum	1	13.00	3.00	3.20	3.10	0.05	2.02	
47	58		Cum	1	11.00	2.80	2.20	2.50	0.05	1.38	
60	63.5		Cum	1	3.50	2.10	2.30	2.20	0.05	0.39	
66	70		Cum	1	4.00	2.10	2.10	2.10	0.05	0.42	
73	83		Cum	1	10.00	2.30	2.20	2.25	0.05	1.13	
		RHS									
14	25		Cum	1	11.00	2.20	2.25	2.23	0.05	1.22	
55	63		Cum	1	8.00	2.35	2.15	2.25	0.05	0.90	
		1st Main Road									
		North to South									
0	5.4		Cum	1	5.40	2.30	2.10	2.20	0.05	0.59	
9	15		Cum	1	6.00	2.10	2.25	2.18	0.05	0.65	
19	26		Cum	1	7.00	1.85	2.05	1.95	0.05	0.68	
33	39		Cum	1	6.00	2.10	2.20	2.15	0.05	0.65	
47	59		Cum	1	12.00	2.30	2.20	2.25	0.05	1.35	
65	75		Cum	1	10.00	2.50	2.05	2.28	0.05	1.14	
77	88		Cum	1	11.00	1.55	1.75	1.65	0.05	0.91	
92	101		Cum	1	9.00	1.95	2.20	2.08	0.05	0.93	
106	112.1		Cum	1	6.10	2.30	1.55	1.93	0.05	0.59	
118	125.5		Cum	1	7.50	1.35	1.65	1.50	0.05	0.56	
127	134		Cum	1	7.00	1.85	1.55	1.70	0.05	0.60	
143	157		Cum	1	14.00	1.45	1.65	1.55	0.05	1.09	
163	171		Cum	1	8.00	1.45	1.75	1.60	0.05	0.64	
176	191		Cum	1	15.00	2.20	2.10	2.15	0.05	1.61	
195	202		Cum	1	7.00	2.10	2.20	2.15	0.05	0.75	
		2nd Main Road									
		North to South									
		LHS									
3	14		Cum	1	11.00	2.30	2.45	2.38	0.05	1.31	
16	29		Cum	1	13.00	2.35	2.50	2.43	0.05	1.58	
32	42		Cum	1	10.00	2.20	2.05	2.13	0.05	1.06	
48	61		Cum	1	13.00	2.35	2.25	2.30	0.05	1.50	
63	74		Cum	1	11.00	2.10	2.00	2.05	0.05	1.13	
76	88		Cum	1	12.00	2.30	2.10	2.20	0.05	1.32	
92	104		Cum	1	12.00	2.10	2.25	2.18	0.05	1.31	
107	119.5		Cum	1	12.50	2.30	2.05	2.18	0.05	1.36	
122	133.2		Cum	1	11.20	2.10	2.40	2.25	0.05	1.26	
135	147		Cum	1	12.00	2.30	1.95	2.13	0.05	1.28	
150	165		Cum	1	15.00	2.50	2.05	2.28	0.05	1.71	
		RHS									
3	12		Cum	1	9.00	2.55	2.20	2.38	0.05	1.07	
18	28		Cum	1	10.00	2.35	2.50	2.43	0.05	1.21	
33	42		Cum	1	9.00	2.20	2.45	2.33	0.05	1.05	
48	61		Cum	1	13.00	2.35	2.25	2.30	0.05	1.50	
63	74		Cum	1	11.00	2.10	2.35	2.23	0.05	1.22	

45.09

Contactor

CIVIL Pro Sig..... Date..... RMC BANGALORE

Assistant Engineer

Assistant exicutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
76	88		Cum	1	12.00	2.30	2.10	2.20	0.05	1.32	
92	104		Cum	1	12.00	2.30	2.45	2.38	0.05	1.43	
107	118		Cum	1	11.00	2.30	2.05	2.18	0.05	1.20	
122	132		Cum	1	10.00	2.10	2.40	2.25	0.05	1.13	
135	147		Cum	1	12.00	2.30	2.20	2.25	0.05	1.35	
150	162		Cum	1	12.00	2.10	1.95	2.03	0.05	1.22	
		1st Cross Road									
		North to South									
3	12		Cum	1	9.00	1.80	1.45	1.63	0.05	0.73	
15	26		Cum	1	11.00	1.85	1.55	1.70	0.05	0.94	
32	42		Cum	1	10.00	1.80	1.95	1.88	0.05	0.94	
45	57		Cum	1	12.00	1.55	1.65	1.60	0.05	0.96	
60	72		Cum	1	12.00	1.20	1.80	1.50	0.05	0.90	
75	88		Cum	1	13.00	2.10	1.55	1.83	0.05	1.19	
90	108		Cum	1	18.00	1.75	1.85	1.80	0.05	1.62	
		Road Widening									
		3rd Cross Road									
		South to North									
		LHS									
0	15		Cum	1	15.00	1.00	3.45	2.23	0.05	1.67	
15	30		Cum	1	15.00	3.45	3.45	3.45	0.05	2.59	
30	45		Cum	1	15.00	3.45	3.45	3.45	0.05	2.59	
45	60		Cum	1	15.00	3.45	3.45	3.45	0.05	2.59	
60	75		Cum	1	15.00	3.45	3.45	3.45	0.05	2.59	
75	90		Cum	1	15.00	3.45	3.45	3.45	0.05	2.59	
		Profile Correction									
		4th Main Road									
		East to West									
60	75		Cum	1	15.00	2.40	2.50	2.45	0.05	1.84	
75	90		Cum	1	15.00	2.60	2.35	2.48	0.05	1.86	
90	105		Cum	1	15.00	2.40	2.60	2.50	0.05	1.88	
105	120		Cum	1	15.00	2.45	2.55	2.50	0.05	1.88	
120	135		Cum	1	15.00	2.55	2.35	2.45	0.05	1.84	
135	150		Cum	1	15.00	2.25	2.70	2.48	0.05	1.86	
150	164.4		Cum	1	14.40	2.15	2.20	2.18	0.05	1.57	
		3 rd cross road									
		south to north									
20	30		Cum	1	10.00	2.30	2.50	2.40	0.05	1.20	
30	45		Cum	1	15.00	2.45	2.65	2.55	0.05	1.91	
45	60		Cum	1	15.00	2.70	2.35	2.53	0.05	1.89	
60	75		Cum	1	15.00	2.35	2.60	2.48	0.05	1.86	
75	83		Cum	1	8.00	2.55	2.20	2.38	0.05	0.95	
83	96.9		Cum	1	13.90	2.60	2.35	2.48	0.05	1.72	
96.9	105		Cum	1	8.10	2.20	2.10	2.15	0.05	0.87	
105	120		Cum	1	15.00	2.40	2.30	2.35	0.05	1.76	
120	135		Cum	1	15.00	2.40	2.50	2.45	0.05	1.84	
135	150.8		Cum	1	15.80	2.20	2.30	2.25	0.05	1.78	
		2nd Cross Road									
		north to south									
	15		Cum	1	15.00	2.80	3.00	2.90	0.05	2.18	
	30		Cum	1	15.00	3.20	2.70	2.95	0.05	2.21	
	45		Cum	1	15.00	2.85	2.90	2.88	0.05	2.16	

64.54

CIVIL Pro Sig..... Date.....

Contactor

Assistant Engineer

Assistant executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
45	48.1		Cum	1	3.10	3.10	3.30	3.20	0.05	0.50	
48.1	58.4		Cum	1	10.30	2.80	2.90	2.85	0.05	1.47	
58.4	75		Cum	1	16.60	2.65	2.35	2.50	0.05	2.08	
75	84.7		Cum	1	9.70	2.40	2.25	2.33	0.05	1.13	
		3rd main Road west to east									
0	11.1		Cum	1	11.10	2.80	2.90	2.85	0.05	1.58	
11.1	15		Cum	1	3.90	3.10	2.80	2.95	0.05	0.58	
15	30		Cum	1	15.00	2.50	2.40	2.45	0.05	1.84	
30	45		Cum	1	15.00	3.00	3.20	3.10	0.05	2.33	
45	60		Cum	1	15.00	3.10	2.80	2.95	0.05	2.21	
60	63.5		Cum	1	3.50	2.10	2.30	2.20	0.05	0.39	
63.5	84.1		Cum	1	20.60	3.00	3.20	3.10	0.05	3.19	
		1st main Road north to south									
0	5.4		Cum	1	5.40	2.30	2.10	2.20	0.05	0.59	
5.4	15		Cum	1	9.60	2.10	2.25	2.18	0.05	1.04	
15	30		Cum	1	15.00	1.85	2.05	1.95	0.05	1.46	
30	45		Cum	1	15.00	2.10	2.20	2.15	0.05	1.61	
45	60		Cum	1	15.00	2.30	2.20	2.25	0.05	1.69	
60	75		Cum	1	15.00	2.50	2.05	2.28	0.05	1.71	
75	90		Cum	1	15.00	1.55	1.75	1.65	0.05	1.24	
90	105		Cum	1	15.00	1.95	2.20	2.08	0.05	1.56	
105	112.1		Cum	1	7.10	2.30	1.55	1.93	0.05	0.68	
112.1	125.5		Cum	1	13.40	1.35	1.65	1.50	0.05	1.01	
125.5	137.4		Cum	1	11.90	1.85	1.55	1.70	0.05	1.01	
137.4	140.1		Cum	1	2.70	1.45	1.65	1.55	0.05	0.21	
140.1	160		Cum	1	19.90	1.45	1.75	1.60	0.05	1.59	
160	175		Cum	1	15.00	2.20	2.10	2.15	0.05	1.61	
175	195		Cum	1	20.00	2.10	2.20	2.15	0.05	2.15	
195	204.7		Cum	1	9.70	2.10	2.20	2.15	0.05	1.04	
		2nd main Road east to west									
0	15		Cum	1	15.00	2.10	2.00	2.05	0.05	1.54	
15	30		Cum	1	15.00	1.95	2.20	2.08	0.05	1.56	
30	45		Cum	1	15.00	2.20	2.05	2.13	0.05	1.59	
45	63		Cum	1	18.00	2.35	2.25	2.30	0.05	2.07	
63	75		Cum	1	12.00	2.10	2.00	2.05	0.05	1.23	
75	90		Cum	1	15.00	2.30	2.10	2.20	0.05	1.65	
90	105		Cum	1	15.00	2.10	2.25	2.18	0.05	1.63	
105	120		Cum	1	15.00	2.30	2.05	2.18	0.05	1.63	
120	135		Cum	1	15.00	2.10	2.40	2.25	0.05	1.69	
135	150		Cum	1	15.00	2.30	1.95	2.13	0.05	1.59	
150	168.1		Cum	1	18.10	2.50	2.05	2.28	0.05	2.06	55.72
									Total Executed Quantity	450.03	
									Qty Carried to Summary	450.03	

C&FC 25/2/2022

Contactor

CIVIL Pro Sig..... Date..... BANGALORE

Assistant Engineer 25/2/22

Assistant exicutive Engineer 25/2/2022

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to roads and drains at MCECHS layout in ward no. 05, Byataranapura Sub Division

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.23		Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements Taken On;											
		3 rd cross connecting to swd drain									
		East to West									
0	7.8		Sqm	1	7.80	15.10	14.10	14.60		113.88	
7.8	9.1	No Work	Sqm	0	0.00	0.00	0.00	0.00		0.00	
9.1	15		Sqm	1	5.90	9.90	9.20	9.55		56.35	
15	30		Sqm	1	15.00	9.20	9.40	9.30		139.50	
30	45		Sqm	1	15.00	9.40	9.60	9.50		142.50	
45	60		Sqm	1	15.00	9.60	9.70	9.65		144.75	
60	75		Sqm	1	15.00	9.70	10.00	9.85		147.75	
75	90		Sqm	1	15.00	10.00	10.10	10.05		150.75	
90	95.1		Sqm	1	5.10	10.10	10.15	10.13		51.64	
95.1	97		Sqm	1	1.90	10.15	9.30	9.73		18.48	
97	104.4		Sqm	1	7.40	8.70	9.15	8.93		66.05	
0	6.5		Sqm	1	6.50	6.80	7.20	7.00		45.50	
		3rd Cross Road									
		South to North									
0	15		Sqm	1	15.00	10.20	10.15	10.18		152.63	
15	30		Sqm	1	15.00	10.15	10.25	10.20		153.00	
30	45		Sqm	1	15.00	10.25	10.30	10.28		154.13	
45	50.9		Sqm	1	5.90	10.30	10.75	10.53		62.10	
50.9	60.8		Sqm	1	9.90	10.75	11.80	11.28		111.62	
60.8	75		Sqm	1	14.20	8.75	8.90	8.83		125.32	
75	82.2		Sqm	1	7.20	8.70	9.15	8.93		64.26	
82.2	86.9		Sqm	1	4.70	10.65	10.80	10.73		50.41	
86.9	94.9		Sqm	1	8.00	12.80	12.50	12.65		101.20	
94.9	96.9		Sqm	1	2.00	11.05	10.00	10.53		21.05	
96.9	105		Sqm	1	8.10	10.00	9.90	9.95		80.59	
105	120		Sqm	1	15.00	9.90	10.00	9.95		149.25	
120	135		Sqm	1	15.00	10.00	10.10	10.05		150.75	
135	150		Sqm	1	15.00	10.10	10.20	10.15		152.25	
150	151		Sqm	1	1.00	10.20	10.20	10.20		10.20	
		4th Main Road									
		East to West									
0	15		Sqm	1	15.00	10.70	9.50	10.10		151.50	
15	30		Sqm	1	15.00	9.50	9.40	9.45		141.75	
30	40.5		Sqm	1	10.50	9.40	9.60	9.50		99.75	
40.5	52.1		Sqm	1	11.60	10.95	11.00	10.98		127.31	
52.1	60		Sqm	1	7.90	9.60	9.50	9.55		75.45	
60	75		Sqm	1	15.00	9.50	9.60	9.55		143.25	
75	90		Sqm	1	15.00	9.60	9.60	9.60		144.00	
90	105		Sqm	1	15.00	9.60	8.30	8.95		134.25	
105	120		Sqm	1	15.00	8.30	8.60	8.45		126.75	

3759.89

CBFC 20/2/22

20/2/22

Contactor

CIVIL Rep Sig..... Date..... BANGALORE

PMC

Assistant Engineer

20/2/22

Assistant exicutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
120	135		Sqm	1	15.00	8.60	9.70	9.15		137.25	✓
135	150		Sqm	1	15.00	9.70	9.75	9.73		145.88	✓
150	165		Sqm	1	15.00	9.75	9.90	9.83		147.38	✓
		3rd A Main Road									
		West to East									
0	4.7		Sqm	1	4.70	13.70	12.00	12.85		60.40	✓
4.7	6.2	No Work	Sqm	0	0.00	0.00	0.00	0.00		0.00	✗
6.2	15		Sqm	1	8.80	10.00	9.85	9.93		87.34	✓
15	30		Sqm	1	15.00	9.85	9.70	9.78		146.63	✓
30	45		Sqm	1	15.00	9.70	9.55	9.63		144.38	✓
45	60		Sqm	1	15.00	9.55	9.45	9.50		142.50	✓
60	75		Sqm	1	15.00	9.45	9.35	9.40		141.00	✓
75	90		Sqm	1	15.00	9.35	9.20	9.28		139.13	✓
90	105		Sqm	1	15.00	9.20	9.10	9.15		137.25	✓
105	120		Sqm	1	15.00	9.10	9.00	9.05		135.75	✓
120	125.1		Sqm	1	5.10	9.00	9.00	9.00		45.90	✓
		2nd Cross Road									
		North to South									
0	15		Sqm	1	15.00	10.20	10.20	10.20		153.00	✓
15	30		Sqm	1	15.00	10.20	10.10	10.15		152.25	✓
30	45		Sqm	1	15.00	10.10	10.50	10.30		154.50	✓
45	48.2		Sqm	1	3.20	10.50	10.25	10.38		33.20	✓
48.2	58.6		Sqm	1	10.40	11.25	11.30	11.28		117.26	✓
58.6	75		Sqm	1	16.40	9.70	9.75	9.73		159.49	✓
75	84.6		Sqm	1	9.60	9.75	9.60	9.68		92.88	✓
		3rd Main Road									
		West to East									
0	10.5		Sqm	1	10.50	11.25	11.35	11.30		118.65	✓
10.5	15		Sqm	1	4.50	9.70	9.75	9.73		43.76	✓
15	30		Sqm	1	15.00	9.75	9.70	9.73		145.88	✓
30	45		Sqm	1	15.00	9.70	9.85	9.78		146.63	✓
45	60		Sqm	1	15.00	9.85	9.20	9.53		142.88	✓
60	62.1		Sqm	1	2.10	9.20	9.65	9.43		19.79	✓
62.1	75		Sqm	1	12.90	10.95	10.85	10.90		140.61	✓
75	82.9		Sqm	1	7.90	10.85	10.85	10.85		85.72	✓
82.9	84.7		Sqm	1	1.80	9.30	12.30	10.80		19.44	✓
84.7	96.4		Sqm	1	11.70	12.30	11.65	11.98		140.11	✓
96.4	105		Sqm	1	8.60	10.00	10.00	10.00		86.00	✓
105	120		Sqm	1	15.00	10.00	10.00	10.00		150.00	✓
120	135		Sqm	1	15.00	10.00	10.10	10.05		150.75	✓
135	150		Sqm	1	15.00	10.10	10.25	10.18		152.63	✓
150	165		Sqm	1	15.00	10.25	10.35	10.30		154.50	✓
165	180		Sqm	1	15.00	10.35	11.40	10.88		163.13	✓
180	195		Sqm	1	15.00	11.40	12.70	12.05		180.75	✓
195	197		Sqm	1	2.00	12.70	12.70	12.70		25.40	✓
197	198.3	No Work	Sqm	1	0.00	0.00	0.00	0.00		0.00	✗
98.3	207.2		Sqm	1	8.90	13.60	14.20	13.90		123.71	✓
0	6		Sqm	1	6.00	8.30	7.40	7.85		47.10	✓
		1st Main Road									
		North to South									
0	15		Sqm	1	15.00	10.70	9.90	10.30		154.50	✓
15	30		Sqm	1	15.00	9.90	8.70	9.30		139.50	✓
30	45		Sqm	1	15.00	8.70	7.40	8.05		120.75	✓
45	60		Sqm	1	15.00	7.40	6.10	6.75		101.25	✓

CIVIL PTO Sig..... Date..... BANGALORE

5226.75

Contactor

Assistant Engineer

Assistant exicutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
60	75		Sqm	1	15.00	6.10	5.40	5.75		86.25	
75	90		Sqm	1	15.00	5.40	5.30	5.35		80.25	
90	105		Sqm	1	15.00	5.30	5.35	5.33		79.88	
105	120		Sqm	1	15.00	5.35	6.50	5.93		88.88	
120	135		Sqm	1	15.00	6.50	6.10	6.30		94.50	
135	137.8		Sqm	1	2.80	6.10	6.20	6.15		17.22	
137.8	139.8		Sqm	1	2.00	6.20	4.80	5.50		11.00	
139.8	150		Sqm	1	10.20	4.80	4.60	4.70		47.94	
150	165		Sqm	1	15.00	4.60	4.60	4.60		69.00	
165	180		Sqm	1	15.00	4.60	4.10	4.35		65.25	
180	195		Sqm	1	15.00	4.10	4.00	4.05		60.75	
195	205.3		Sqm	1	10.30	4.00	3.90	3.95		40.69	
		2nd Main Road West to East									
0	15		Sqm	1	15.00	9.70	9.50	9.60		144.00	
15	30		Sqm	1	15.00	9.50	9.70	9.60		144.00	
30	45		Sqm	1	15.00	9.70	9.80	9.75		146.25	
45	60		Sqm	1	15.00	9.80	9.70	9.75		146.25	
60	75		Sqm	1	15.00	9.70	9.10	9.40		141.00	
75	90		Sqm	1	15.00	9.10	9.70	9.40		141.00	
90	105		Sqm	1	15.00	9.70	9.50	9.60		144.00	
105	120		Sqm	1	15.00	9.50	9.65	9.58		143.63	
120	135		Sqm	1	15.00	9.65	9.60	9.63		144.38	
135	150		Sqm	1	15.00	9.60	9.60	9.60		144.00	
150	165		Sqm	1	15.00	9.60	9.70	9.65		144.75	
165	168.5		Sqm	1	3.50	9.70	9.70	9.70		33.95	
		3rd main To 1st Cross Connectig Road East to West									
0	15		Sqm	1	15.00	9.65	9.70	9.68		145.13	
15	30		Sqm	1	15.00	9.70	9.70	9.70		145.50	
30	45		Sqm	1	15.00	9.70	9.65	9.68		145.13	
45	60		Sqm	1	15.00	9.65	9.70	9.68		145.13	
60	75		Sqm	1	15.00	9.70	9.50	9.60		144.00	
75	79.8		Sqm	1	4.80	9.50	9.70	9.60		46.08	
		1st Cross Road North to South									
0	11.2		Sqm	1	11.20	10.00	9.90	9.95		111.44	
11.2	15		Sqm	1	3.80	9.05	9.10	9.08		34.49	
15	30		Sqm	1	15.00	9.10	9.50	9.30		139.50	
30	45		Sqm	1	15.00	9.50	9.80	9.65		144.75	
45	60		Sqm	1	15.00	9.80	9.60	9.70		145.50	
60	75		Sqm	1	15.00	9.60	9.20	9.40		141.00	
75	90		Sqm	1	15.00	9.20	9.70	9.45		141.75	
90	105		Sqm	1	15.00	9.70	9.90	9.80		147.00	
105	115.8		Sqm	1	10.80	9.90	9.95	9.93		107.19	
		Deduction									
			Sqm	-15	0.64					-9.54	
					Area of circle=(3.14X0.9²)/4=0.64						
			Sqm	-1	1.20	0.75	0.75	0.75		-0.90	4231.93
									Total Executed Quantity	13218.57	
									Qty Carried to Summary	13218.57	

CIVIL Pro
Sig.....
Date.....
BANGALORE
PMC

Contactor

Assistant Engineer

Assistant executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to roads and drains at MCECHS layout in ward no. 05, Byataranapura Sub Division

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.24		Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements Taken On;											
		3 rd cross connecting to swd drain									
		East to West									
0	7.8		Sqm	1	7.80	15.10	14.10	14.60		113.88	
.8	9.1	No Work	Sqm	0	0.00	0.00	0.00	0.00		0.00	x
.1	15		Sqm	1	5.90	9.90	9.20	9.55		56.35	
5	30		Sqm	1	15.00	9.20	9.40	9.30		139.50	
0	45		Sqm	1	15.00	9.40	9.60	9.50		142.50	
5	60		Sqm	1	15.00	9.60	9.70	9.65		144.75	
0	75		Sqm	1	15.00	9.70	10.00	9.85		147.75	
5	90		Sqm	1	15.00	10.00	10.10	10.05		150.75	
0	95.1		Sqm	1	5.10	10.10	10.15	10.13		51.64	
5.1	97		Sqm	1	1.90	10.15	9.30	9.73		18.48	
7	104.4		Sqm	1	7.40	8.70	9.15	8.93		66.05	
0	6.5		Sqm	1	6.50	6.80	7.20	7.00		45.50	
		3rd Cross Road									
		South to North									
0	15		Sqm	1	15.00	10.20	10.15	10.18		152.63	
5	30		Sqm	1	15.00	10.15	10.25	10.20		153.00	
0	45		Sqm	1	15.00	10.25	10.30	10.28		154.13	
5	50.9		Sqm	1	5.90	10.30	10.75	10.53		62.10	
.9	60.8		Sqm	1	9.90	10.75	11.80	11.28		111.62	
.8	75		Sqm	1	14.20	8.75	8.90	8.83		125.32	
5	82.2		Sqm	1	7.20	8.70	9.15	8.93		64.26	
.2	86.9		Sqm	1	4.70	10.65	10.80	10.73		50.41	
.9	94.9		Sqm	1	8.00	12.80	12.50	12.65		101.20	
.9	96.9		Sqm	1	2.00	11.05	10.00	10.53		21.05	
.9	105		Sqm	1	8.10	10.00	9.90	9.95		80.59	
5	120		Sqm	1	15.00	9.90	10.00	9.95		149.25	
0	135		Sqm	1	15.00	10.00	10.10	10.05		150.75	
5	150		Sqm	1	15.00	10.10	10.20	10.15		152.25	
0	151		Sqm	1	1.00	10.20	10.20	10.20		10.20	
		4th Main Road									
		East to West									
	15		Sqm	1	15.00	10.70	9.50	10.10		151.50	
	30		Sqm	1	15.00	9.50	9.40	9.45		141.75	
	40.5		Sqm	1	10.50	9.40	9.60	9.50		99.75	
5	52.1		Sqm	1	11.60	10.95	11.00	10.98		127.31	
1	60		Sqm	1	7.90	9.60	9.50	9.55		75.45	
	75		Sqm	1	15.00	9.50	9.60	9.55		143.25	
	90		Sqm	1	15.00	9.60	9.60	9.60		144.00	

3498.89

Contactor

CIVIL Pro Sig..... Date..... BANGALORE BMC

Assistant Engineer

Assistant exicutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
90	105		Sqm	1	15.00	9.60	8.30	8.95		134.25	
105	120		Sqm	1	15.00	8.30	8.60	8.45		126.75	
120	135		Sqm	1	15.00	8.60	9.70	9.15		137.25	
135	150		Sqm	1	15.00	9.70	9.75	9.73		145.88	
150	165		Sqm	1	15.00	9.75	9.90	9.83		147.38	
		3rd A Main Road									
		West to East									
0	4.7		Sqm	1	4.70	13.70	12.00	12.85		60.40	
4.7	6.2	No Work	Sqm	0	0.00	0.00	0.00	0.00		0.00	X
6.2	15		Sqm	1	8.80	10.00	9.85	9.93		87.34	
15	30		Sqm	1	15.00	9.85	9.70	9.78		146.63	
30	45		Sqm	1	15.00	9.70	9.55	9.63		144.38	
45	60		Sqm	1	15.00	9.55	9.45	9.50		142.50	
60	75		Sqm	1	15.00	9.45	9.35	9.40		141.00	
75	90		Sqm	1	15.00	9.35	9.20	9.28		139.13	
90	105		Sqm	1	15.00	9.20	9.10	9.15		137.25	
105	120		Sqm	1	15.00	9.10	9.00	9.05		135.75	
120	125.1		Sqm	1	5.10	9.00	9.00	9.00		45.90	
		2nd Cross Road									
		North to South									
0	15		Sqm	1	15.00	10.20	10.20	10.20		153.00	
15	30		Sqm	1	15.00	10.20	10.10	10.15		152.25	
30	45		Sqm	1	15.00	10.10	10.50	10.30		154.50	
45	48.2		Sqm	1	3.20	10.50	10.25	10.38		33.20	
48.2	58.6		Sqm	1	10.40	11.25	11.30	11.28		117.26	
58.6	75		Sqm	1	16.40	9.70	9.75	9.73		159.49	
75	84.6		Sqm	1	9.60	9.75	9.60	9.68		92.88	
		3rd Main Road									
		West to East									
0	10.5		Sqm	1	10.50	11.25	11.35	11.30		118.65	
0.5	15		Sqm	1	4.50	9.70	9.75	9.73		43.76	
15	30		Sqm	1	15.00	9.75	9.70	9.73		145.88	
30	45		Sqm	1	15.00	9.70	9.85	9.78		146.63	
45	60		Sqm	1	15.00	9.85	9.20	9.53		142.88	
60	62.1		Sqm	1	2.10	9.20	9.65	9.43		19.79	
2.1	75		Sqm	1	12.90	10.95	10.85	10.90		140.61	
75	82.9		Sqm	1	7.90	10.85	10.85	10.85		85.72	
2.9	84.7		Sqm	1	1.80	9.30	12.30	10.80		19.44	
4.7	96.4		Sqm	1	11.70	12.30	11.65	11.98		140.11	
6.4	105		Sqm	1	8.60	10.00	10.00	10.00		86.00	
05	120		Sqm	1	15.00	10.00	10.00	10.00		150.00	
20	135		Sqm	1	15.00	10.00	10.10	10.05		150.75	
35	150		Sqm	1	15.00	10.10	10.25	10.18		152.63	
50	165		Sqm	1	15.00	10.25	10.35	10.30		154.50	
65	180		Sqm	1	15.00	10.35	11.40	10.88		163.13	
80	195		Sqm	1	15.00	11.40	12.70	12.05		180.75	
95	197		Sqm	1	2.00	12.70	12.70	12.70		25.40	
97	198.3	No Work	Sqm	1	0.00	0.00	0.00	0.00		0.00	X
98.3	207.2		Sqm	1	8.90	13.60	14.20	13.90		123.71	
	6		Sqm	1	6.00	8.30	7.40	7.85		47.10	

4971.75

Contactor

CIVIL Pro Sig..... Date..... BANGALORE PMC

Assistant Engineer

Assistant executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		1st Main Road									
		North to South									
0	15		Sqm	1	15.00	10.70	9.90	10.30		154.50	
15	30		Sqm	1	15.00	9.90	8.70	9.30		139.50	
30	45		Sqm	1	15.00	8.70	7.40	8.05		120.75	
45	60		Sqm	1	15.00	7.40	6.10	6.75		101.25	
60	75		Sqm	1	15.00	6.10	5.40	5.75		86.25	
75	90		Sqm	1	15.00	5.40	5.30	5.35		80.25	
90	105		Sqm	1	15.00	5.30	5.35	5.33		79.88	
105	120		Sqm	1	15.00	5.35	6.50	5.93		88.88	
120	135		Sqm	1	15.00	6.50	6.10	6.30		94.50	
135	137.8		Sqm	1	2.80	6.10	6.20	6.15		17.22	
37.8	139.8		Sqm	1	2.00	6.20	4.80	5.50		11.00	
39.8	150		Sqm	1	10.20	4.80	4.60	4.70		47.94	
150	165		Sqm	1	15.00	4.60	4.60	4.60		69.00	
165	180		Sqm	1	15.00	4.60	4.10	4.35		65.25	
180	195		Sqm	1	15.00	4.10	4.00	4.05		60.75	
195	205.3		Sqm	1	10.30	4.00	3.90	3.95		40.69	
		2nd Main Road									
		West to East									
0	15		Sqm	1	15.00	9.70	9.50	9.60		144.00	
15	30		Sqm	1	15.00	9.50	9.70	9.60		144.00	
30	45		Sqm	1	15.00	9.70	9.80	9.75		146.25	
45	60		Sqm	1	15.00	9.80	9.70	9.75		146.25	
60	75		Sqm	1	15.00	9.70	9.10	9.40		141.00	
75	90		Sqm	1	15.00	9.10	9.70	9.40		141.00	
90	105		Sqm	1	15.00	9.70	9.50	9.60		144.00	
105	120		Sqm	1	15.00	9.50	9.65	9.58		143.63	
120	135		Sqm	1	15.00	9.65	9.60	9.63		144.38	
135	150		Sqm	1	15.00	9.60	9.60	9.60		144.00	
150	165		Sqm	1	15.00	9.60	9.70	9.65		144.75	
165	168.5		Sqm	1	3.50	9.70	9.70	9.70		33.95	
		3rd main To 1st Cross Connectig Road									
		East to West									
0	15		Sqm	1	15.00	9.65	9.70	9.68		145.13	
15	30		Sqm	1	15.00	9.70	9.70	9.70		145.50	
30	45		Sqm	1	15.00	9.70	9.65	9.68		145.13	
45	60		Sqm	1	15.00	9.65	9.70	9.68		145.13	
60	75		Sqm	1	15.00	9.70	9.50	9.60		144.00	
75	79.8		Sqm	1	4.80	9.50	9.70	9.60		46.08	
		1st Cross Road									
		North to South									
0	11.2		Sqm	1	11.20	10.00	9.90	9.95		111.44	
11.2	15		Sqm	1	3.80	9.05	9.10	9.08		34.49	
15	30		Sqm	1	15.00	9.10	9.50	9.30		139.50	
30	45		Sqm	1	15.00	9.50	9.80	9.65		144.75	
45	60		Sqm	1	15.00	9.80	9.60	9.70		145.50	
60	75		Sqm	1	15.00	9.60	9.20	9.40		141.00	
75	90		Sqm	1	15.00	9.20	9.70	9.45		141.75	
90	105		Sqm	1	15.00	9.70	9.90	9.80		147.00	
105	115.8		Sqm	1	10.80	9.90	9.95	9.93		107.19	

4758.37

23/2/2022

Contactor

CIVIL Pro Sig..... Date..... BANGALORE

Assistant Engineer

Assistant exicutive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		Deduction									
			Sqm	-15	0.64					-9.54	
					Area of circle=(3.14X0.9²)/4=0.64						
			Sqm	-1	1.20	0.75	0.75	0.75		-0.90	-10.44
									Total Executed Quantity	13218.57	
									Qty Carried to Summary	13218.57	

ontactor

CIVIL Pro Sig..... Date..... BANGALORE

Assistant Engineer

Assistant exicutive Engineer